MAURICE E. VIELE

HARDWARE

ALBANY, N. Y.

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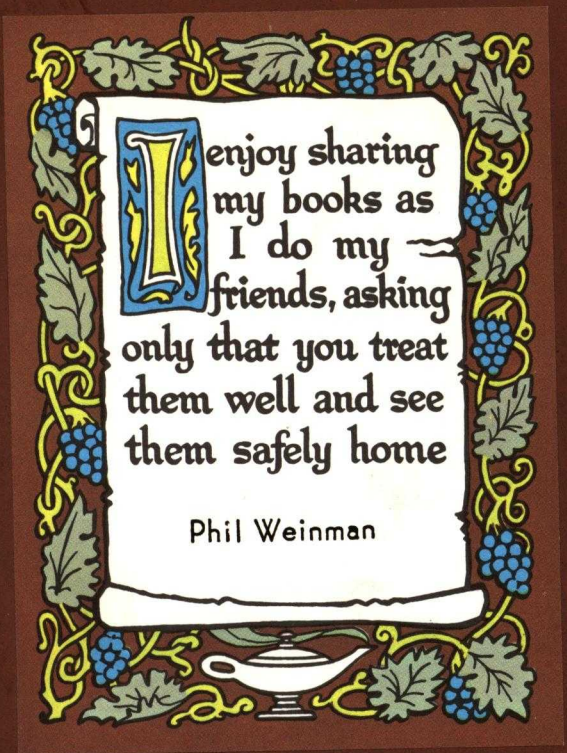
I enjoy sharing my books as I do my friends, asking only that you treat them well and see them safely home
Phil Weinman

ILLUSTRATED CATALOGUE

AND

Price List

OF

HARDWARE

SOLD BY

MAURICE E. VIELE,

DEALER IN

Hardware, Bar Iron, Steel, Tin Plates and Copper,

Nos. 41 and 43 State Street,

Albany, N. Y.

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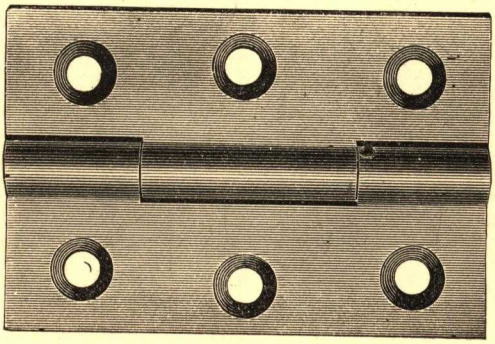
MAURICE E. VIELE'S

Catalogue and Price List,

ALBANY, N. Y.

Cast Iron Butt Hinges.



FULL SIZE CUT OF 2 INCH NARROW, FAST JOINT.

NARROW, FAST JOINT.

Inch, - - - -	1	1¼	1½	1¾	2	2¼	2½	2¾	3
Per dozen pairs, -	.45	.48	.50	.55	.60	.65	.70	.80	.95
Inch, - - - -	3¼	3½	3¾	4	4½	5	5½	6	
Per dozen pairs, -	1.00	1.20	1.30	1.40	1.90	2.30	2.90	3.50	

NARROW, LOOSE JOINT.

Inch, - - - -	2	2¼	2½	2¾	3	3½	4	4½
Per dozen pairs, -	1.00	1.05	1.10	1.20	1.50	1.75	2.10	2.60

Cast Iron Butt Hinges.—Continued.

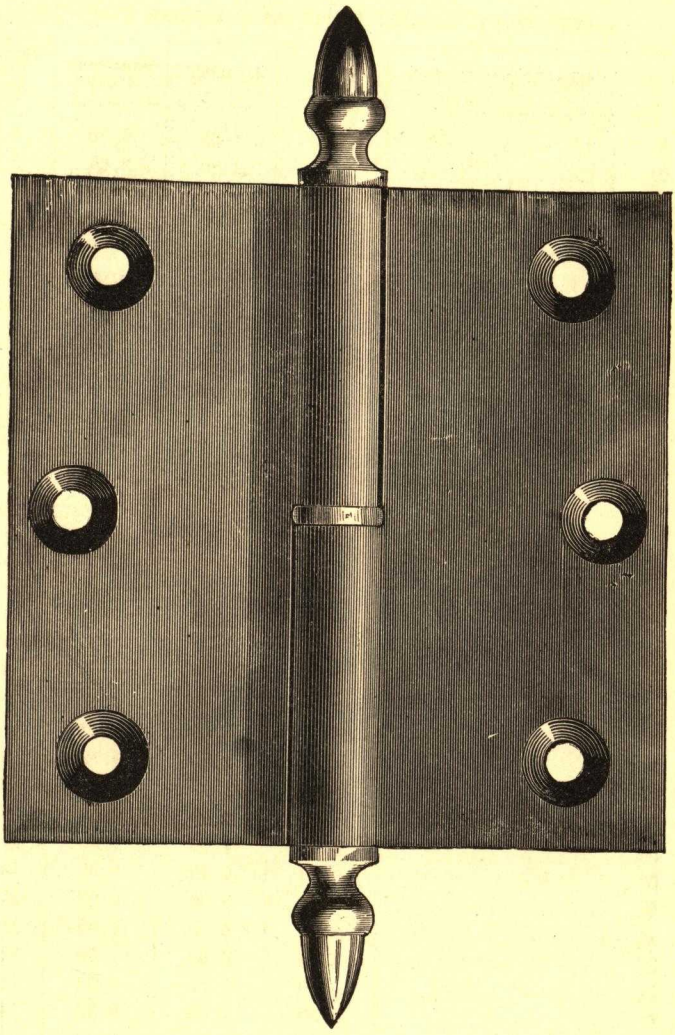
BROAD.

FAST JOINT, LOOSE JOINT AND LOOSE PIN.

Inch.	Plain.	Japanned.	Japanned Acorn.	Japanned, Plated Acorn.
2 × 2	1.00	1.65	2.50	5.60
2 × 2½	1.10	1.80	2.65	5 80
2¼ × 2	1.10	1.80	2.65	5.80
2¼ × 2¼	1.15	2.00	2.80	6.00
2½ × 2	1.20	2.00	2.80	6.00
2½ × 2½	1.35	2.20	3.00	6.20
2½ × 3	1.50	2.30	3.15	6.30
3 × 2½	1.60	2.45	3.30	6.40
3 × 3	1.75	2.65	3.50	6.50
3 × 3½	1.95	2.85	3.65	7.00
3 × 4	2.30	3.65	4.40	8.00
3 × 6	3.00	4.40	5.00	9.00
3½ × 3	2.15	3.00	3.80	7.50
3½ × 3½	2.35	3.20	4.00	8.00
3½ × 4	2.50	3.40	4.40	8.40
3½ × 5	3.00	3.85	4.80	8.80
4 × 3	2.50	3.60	4.40	8.40
4 × 3½	2.70	3.85	4.70	8.80
4 × 4	2.90	4.10	5.00	9 20
4 × 4½	3.20	4.40	5.40	9.50
4 × 5	4.00	4.85	5.80	10.00
4 × 6	5.50	6.80	7.70	11.70
4½ × 4	3.50	4.60	5.70	9.70
4½ × 4½	4.00	5.00	6.00	10.00
4½ × 5	4.20	5.60	6.60	10.80
4½ × 5½	5.00	6.00	7.00	11.50
4½ × 6	6.00	7.45	8.30	13.80
4½ × 6½	6.50	8.00	9.00	13.50
5 × 4½	5.00	6.00	7.00	11.60
5 × 5	5.50	6.60	7.50	12.50
5 × 5½	5.70	7.15	8.00	13.00
5 × 6	6.50	7.70	8.50	14.00
5 × 7	7.25	9.00	10.00	15.00
5 × 8	8.00	9.35	11.50	16.50
5½ × 5	6.00	7.40	8.50	13.50
5½ × 5½	6.50	7.70	9.00	14.00
5½ × 6½	7.00	9.00	11.00	16.00
6 × 6	7.60	9.35	11.00	16.00
6 × 7	8.50	10.45	13 00	18.00

With Washers, add 80 cents per dozen to List.

Loose Joint Acorn Butts.

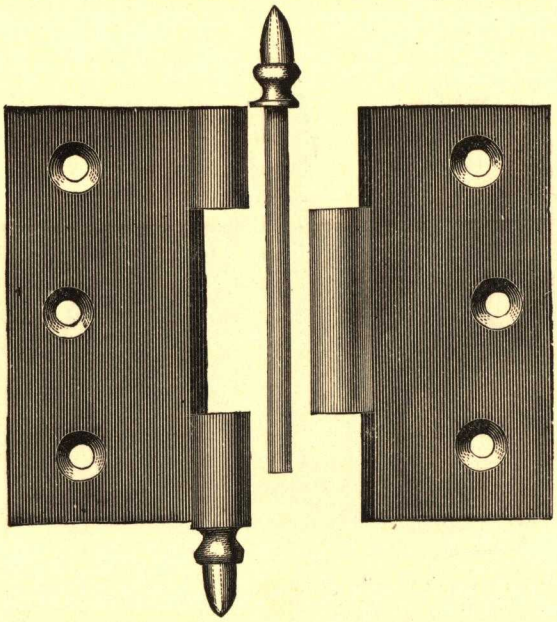


FULL SIZE CUT OF 3½ x 3½.

Parliament Butts.

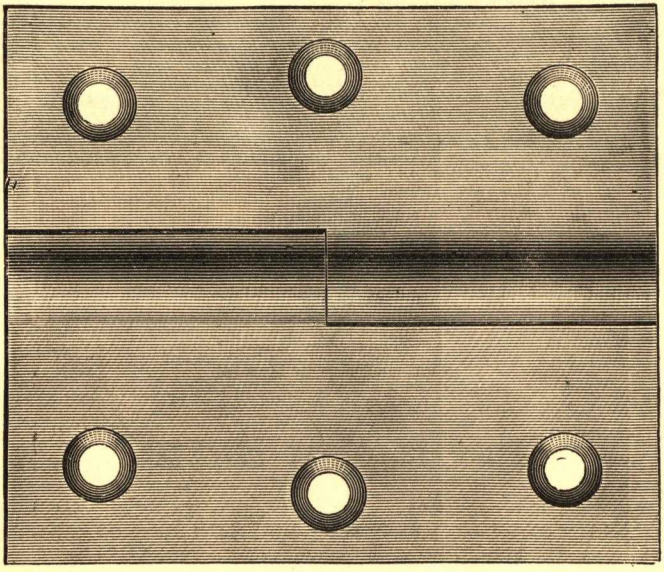
Inches, when open, -	2½	2¾	3	3¼	3½	3¾	4	4½	5	5½
Per dozen pairs, -	1.00	1.00	1.20	1.30	1.45	1.60	1.90	2.00	2.20	2.40

Loose Pin Acorn Butts, Drilled.



EITHER RIGHT OR LEFT.

Loose Joint Cast Butts.



FULL SIZE CUT OF 3½ X 3 INCH.

Wrought Iron Butts and Hinges.

NARROW, FAST JOINT.

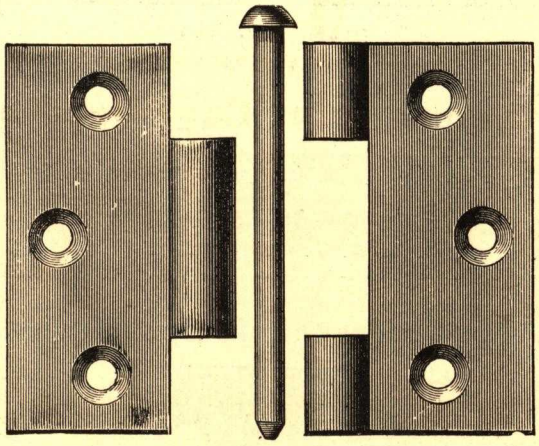
Inch,	1	1¼	1½	1¾	2	2¼	2½	2¾
Per dozen pairs,	.32	.36	.43	.50	.60	.66	.72	.84
Inch,	3	3¼	3½	3¾	4	4½	5	
Per dozen pairs,	.90	1.08	1.44	1.68	1.92	2.70	3.30	

BROAD, FAST JOINT.

Inch,	2×2	2×2½	2½×2½	2½×3	3×2½	3×3	3½×3	3½×3½
Per dozen pairs,	.78	.93	1.08	1.20	1.35	1.44	1.90	2.16
Inch,	3½×4	4×3½	4×4	4×4½	4×5	4×6	4½×4½	5×5
Per dozen pairs,	2.75	2.75	3.12	3.60	4.00	4.80	4.20	5.40

BROAD, LOOSE JOINT.

Inch,	2×2	2×2½	2½×2	2½×2½	2½×3	2½×3½	2½×4	2½×5
Per dozen pairs,	1.10	1.20	1.20	1.32	1.56	1 83	2.10	2.40
Inch,	2½×6	3×2½	3×3	3×3½	3×4	3×5	3×6	3½×3
Per dozen pairs,	2.70	1.68	1.86	2.10	2.40	2.70	3.30	2.40
Inch,	3½×3½	3½×4	3½×5	3½×6	4×3	4×3½	4×4	4×4½
Per dozen pairs.	2.70	3.00	3.60	4.20	2.70	3.00	3 30	3.70
Inch,	4×5	4×6	4½×4	4½×4½	4½×5	4½×6	5×5	5×6
Per dozen pairs,	4.00	5.50	3.70	4.25	5.40	6.00	5.50	6.50

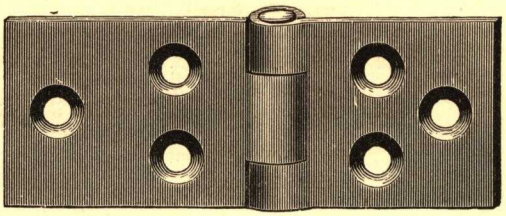


LOOSE PIN, REVERSIBLE.

RIGHT OR LEFT.

Inch,	2×2	2½×2	2½×2½	3×3½	3×3	3×3½
Per dozen pairs,	1.10	1.20	1.32	1.68	1.86	2.10
Inch,	3½×3	3½×3½	4×4	4½×4½	5×5	
Per dozen pairs,	2 40	2.70	3.30	4.25	5.50	

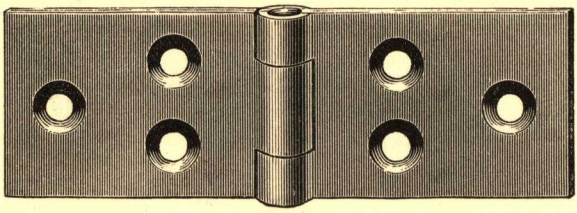
Table Hinges.



FULL SIZE CUT OF 1 INCH.

Inch,	¾	⅞	1	1⅛	1¼	1⅜	1½	1⅝	1¾	2
Per dozen pairs,	.40	.43	.45	50	.55	.60	.65	.70	.75	.85

Back Flaps.



FULL SIZE CUT OF 1 INCH.

Inch,	¾	⅞	1	1⅛	1¼	1⅜	1½	1⅝	1¾	2
Per dozen pairs,	.45	.47	.50	.55	.60	.65	.70	.75	.80	.90

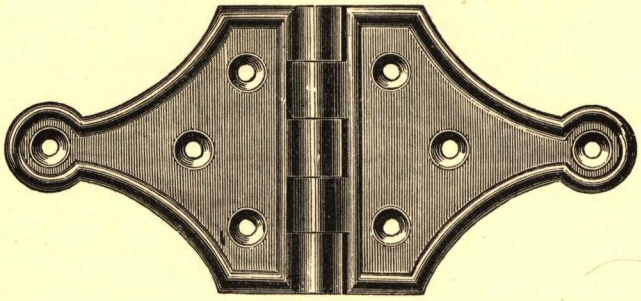
SQUARE BACK FLAPS.

Inch,	¾	⅞	1	1⅛	1¼	1⅜	1½	1⅝	1¾	2
Per dozen pairs,	.40	.43	.45	.50	.55	.60	.65	.70	.75	.85

LIGHT INSIDE BLIND BUTTS.

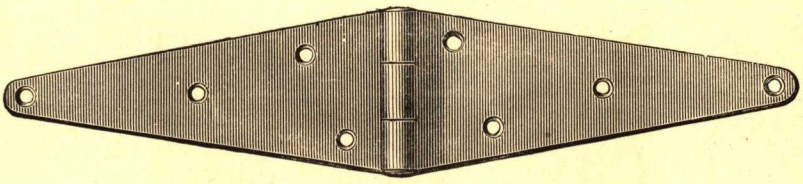
Inch,	1⅛	1¼	1⅜	1½
Per dozen pairs,	.50	.55	.60	.65

Patent Cast Strap Hinges.



No. 3½.	Open, 3×7 inches,	per doz. pair,	$1.25
No. 5½.	" 4×9 "	" "	2.00
No. 7½.	" 4×14 "	" "	2 50

Strap and T Hinges.



STRAP HINGES.

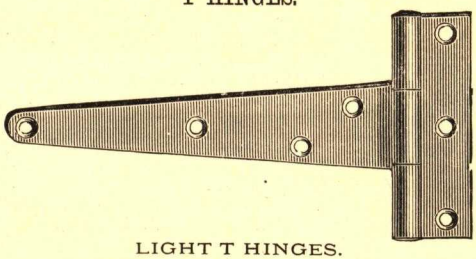
LIGHT STRAP HINGES.

Inch,	3	4	5	6	7	8	10	12	14	16
Per dozen pairs,	.75	90	1.10	1 35	1.75	2.00	2.75	4.00	5.75	7.50

HEAVY STRAP HINGES.

Inch,	4	5	6	8	10	12	14	16
Per dozen pairs,	1.10	1.50	2.34	4.16	6.12	8.25	9.46	10.12
Weight per dozen pairs,			18	32	51	75	86	92
Cents per pound,			.13	.13	.12	.11	.11	.11

T HINGES.



LIGHT T HINGES.

Inch,	3	4	5	6	8	10	12	14
Per dozen pairs,	.75	.85	1.00	1.20	1.50	1.90	2.80	4.25

HEAVY T HINGES.

Inch,	6	8	10	12	14	16	18
Per dozen pairs,	1.30	1.80	2.60	4.00	5.00	6.50	7.00

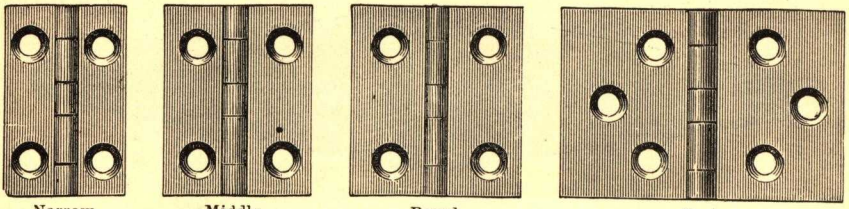
EXTRA HEAVY T HINGES.

Inch,	6	8	10	12	14	16
Weight per dozen pairs,	21	32	52	81	85	92
Cents per pound,	.13	.13	.12	.11	.11	.11
Per doz. pairs,	2.73	4.16	6.24	8.91	9.35	10.12

HINGE HASPS.

Inch,	3	4½	6	8	10	12
Per dozen pairs,	1.75	2.00	2.25	3.50	4 75	7.00

Wrought Brass Butts.

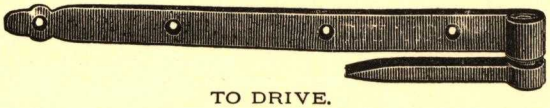


Narrow. Middle. Broad. Desk.

ABOVE ARE FULL SIZE CUTS OF 1 INCH.

Length.	Narrow.	Middle.	Broad.	Desk.
	Per doz. pairs.	Per doz. pairs.	Per doz. pairs.	Per doz. pairs.
½ inch	.38	.45	.50	.57
⅝ "	.38	.45	.50	.60
¾ "	.42	.48	.52	.72
1 "	.48	.54	.60	.87
1⅛ "	.54	.60	.72	1.08
1¼ "	.60	.67	.80	1.27
1⅜ "	.67	.75	.84	1.50
1½ "	.78	.87	1.00	1.80
1⅝ "	.90	1.00	1.12	2.10
1¾ "	.96	1.10	1.30	2.70
1⅞ "	1.06	1.17	1.48	2.93
2 "	1.23	1.44	1.70	3.50
2¼ "	1.73	1.80	2.20	
2½ "	1.92	2.34	2.60	
2¾ "	2.12	2.85	3.09	
3 "	2.80	3.70	4.27	
3¼ "	3.65	4.38	5.10	
3½ "	4.48	5.10	6.60	
3¾ "	5.67	6.22	8.00	
4 "	7.50	8.00	10.50	

Hook Hinges.



TO DRIVE.

TO SCREW.

HOOK HINGES TO DRIVE OR TO SCREW.

8, 10, 12 inch, per pound, - - - .11 14 to 36 inch, per pound, - - - .9½

ALBANY SCREW HOOK BLIND HINGES.

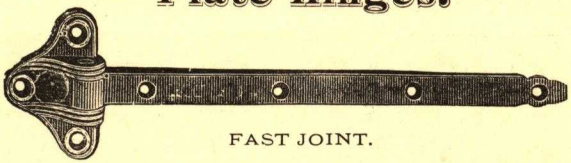
FOR WOOD.

Inch,	8	10	12
Per pair,			

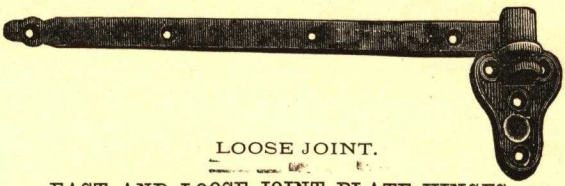
FOR BRICK.

Inch,	10	12	14
Per pair,			

Plate Hinges.



FAST JOINT.



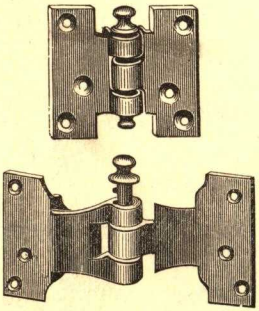
LOOSE JOINT.

FAST AND LOOSE JOINT PLATE HINGES.

6 and 8 inch, per pound, - - - .11 10 to 36 inch, per pound, - - - 9½

Gate Hinges.

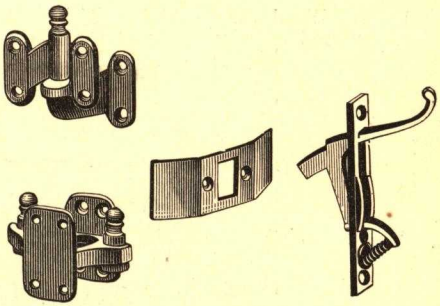
STATE GATE HINGES.



Right and Left.

With Latch, - - per doz. sets, 4.00

CROTCH GATE HINGES.



Right and Left.

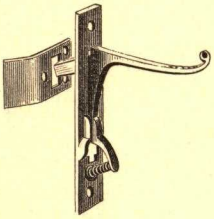
Swing both ways, with Latch, per doz. sets, - - - - - - - 3.50

JOHNSON'S AUTOMATIC GATE HARDWARE.

No. 1.	For Garden Gates, complete, - - - - - - -	per doz. sets,	9.00
No. 2.	" Field " - - - - - - -	" "	18.00
No. 3.	Latches and Catches only, - - - - - - - -	" "	3.00

SEYMOUR'S GATE HINGES AND LATCHES.

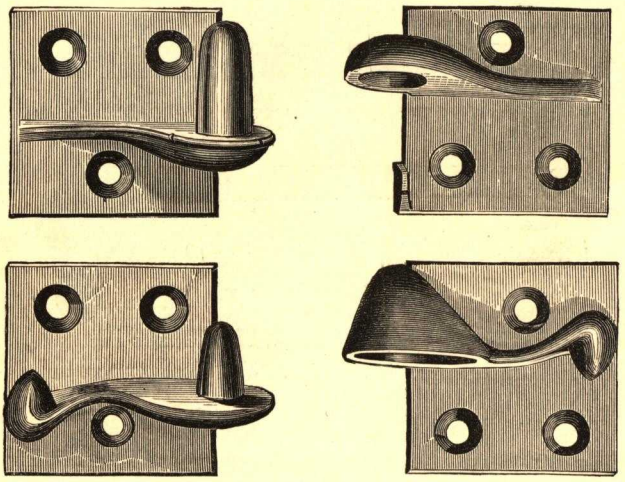
No. 432.	Reversible Surface Hinge, - - - - - - -	per doz. sets,	6.00
No. 435.	To swing both ways, - - - - - - - -	" "	8.50



Spiral Spring Gate Latches.

No. 1.	For Gates to swing one way, per doz., - -	1.00
No. 2.	" " " both ways, - - - -	1.10
No. 3.	" tops of Gates, - - - - - - -	1.20

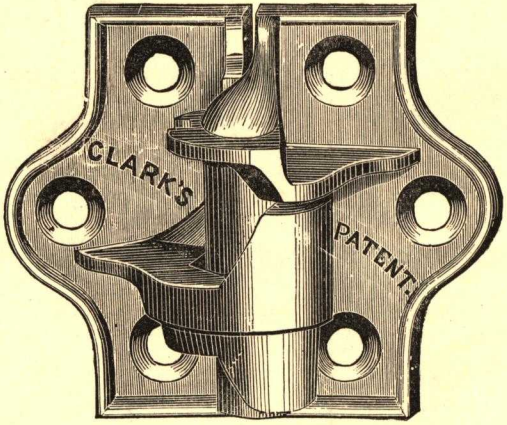
Parker's Patent Blind Hinges.



No. 1. For Wood, throws the Blind 1 inch from Casing, - - per doz. sets, [3.50
No. 5. " Brick, " " 3 inches " " " 4.75

No. 1, Packed 6 doz. in Case; No. 5, 4 doz. in Case.

Clark's Patent Blind Hinges.



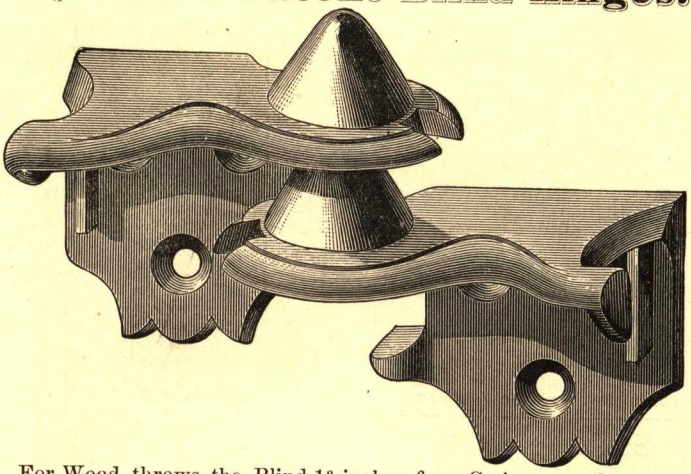
No. 1. For Wood, throws the Blind 1¼ inch from Casing, per doz. sets, - - 3.50
No. 3. " Brick, " " 3¼ " " " " " 4.75

No. 1, Packed 6 doz. in Case; No. 3, 4 doz. in Case.

Blind Staples.

Common, - - - - - - - - - - - - ½ ⅝ ¾ per pound,
Boardman's, barbed, - - - - - - - - ⅜ "
" " - - - - - - - - ½ ⅝ ¾ "

Seymour's Patent Blind Hinges.

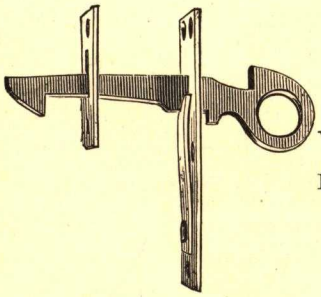


No. 10. For Wood, throws the Blind 1¾ inches from Casing, per doz. sets, 3.50
No. 20. " Brick, " " 3¾ " " " " " 4.75

No. 10, Packed 6 doz. in Case; No. 20, 4 doz. in Case.

NICHOLSON'S BLIND HINGES.

No. 25. For Wood, per doz. sets, - - - - - - - - - - - - - - 3.50
No. 50. " Brick, " " - - - - - - - - - - - - - - 4.75

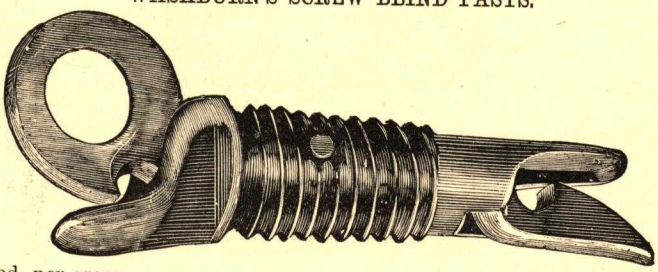


Blind Fasts.

VAN SAND'S WROUGHT IRON BLIND FASTS.

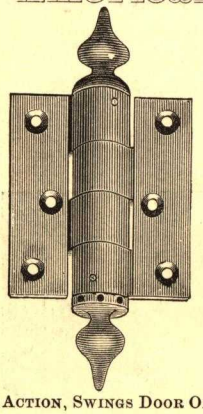
For Wood, per gross, - - - - - - - - 15.00
" Brick, " - - - - - - - - 15.00

WASHBURN'S SCREW BLIND FASTS.

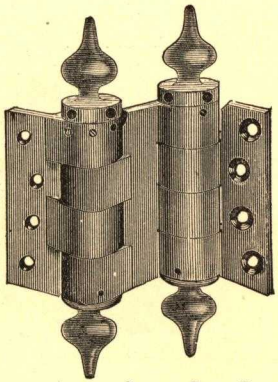


For Wood, per gross, - - - - - - - - - - - - - - - - - - 14.00
" Brick, " - - - - - - - - - - - - - - - - - - 14.00

American Spiral Spring Butts.



SINGLE ACTION, SWINGS DOOR ONE WAY.



DOUBLE ACTION, SWINGS DOOR BOTH WAYS.

SINGLE ACTION BUTTS.				DOUBLE ACTION BUTTS.			
Number.	Size of flanges.	Width when open.	Japanned, per pair.	Number.	Size of flanges.	Thickness for doors.	Japanned, per pair.
6 - -	4×1¼	3⅝	2.00	50 - -	4×1⅛	1 to 1¼ in.	4.50
11 - -	5×1½	4⅓	3.00	52 - -	6×1½	1¼ to 1¾ "	6.50
15 - -	6×1⅝	4½	4 00	54 - -	7×2	1½ to 2 "	9.50
22 - -	7×1¾	5	5.00	56 - -	8×2	1½ to 2 "	12.50
26 - -	8×2½	6¼	6.50	57 - -	8×2½	2 to 2½ "	12.50
31 - -	10×2½	7	8.50	60 - -	10×2½	2 to 2½ "	16.00
36 - -	12×2½	7	10.00	62 - -	12×2	2 to 3 "	20.00
37 - -	12×3½	9	10.00				

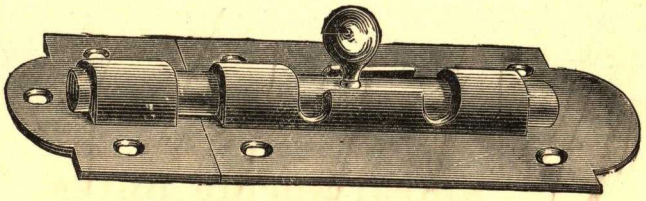
Challenge Door and Gate Springs.

STANDARD STYLES.	Japanned. per doz.	COPPERED.	GALVANIZED.	NICKEL PLATED.
No. 9. For Wire Netting, Office and Light Inside Doors, - -	4.00	1.25 per doz. advance on net price.	1.00 per doz. advance on net price.	No. 9 and 7, 2 50. No. 6, 3.00 per doz. advance on net price.
No. 7. For House Doors and Cottage Gates, - - - - - -	5.00			
No. 6. For Store Doors and Heavy Gates, - - - - - - -	6.00			

TORREY'S WIRE ROD DOOR SPRINGS.

Per doz., - 7.50

Barrel Bolts.



CAST IRON BRASS KNOB.

Inch,	3	4	5	6	7	8
Per doz.,	.75	.88	1.12	1.38	1.62	1.88

WROUGHT IRON BARREL BOLTS.

BRASS KNOB, POLISHED BOLT, JAPANNED PLATE.

	With Plain Staples.					*With Bent Staples.*				
Inch,	3	4	5	6	Inch,	3	4	5	6
Per doz.,	2.15	2.45	3.00	3.40	Per doz.,	2.25	2.60	3.15	3.60

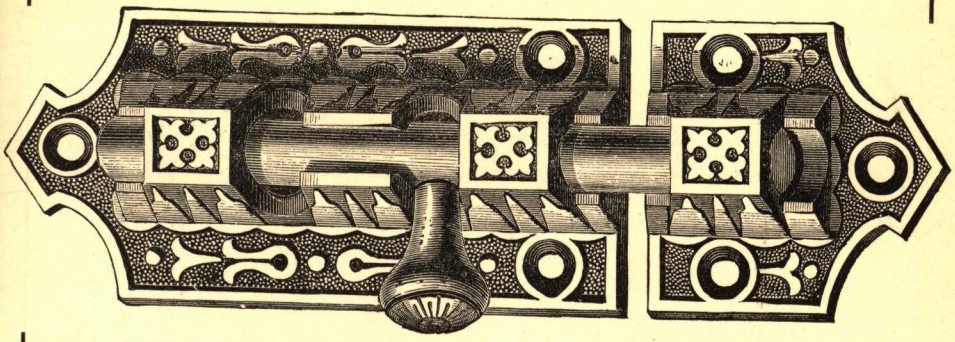
LIGHT PATTERN — *With Plain Staples.*

Inch,	$2\frac{1}{2}$	3	4	5	6
Per doz.,	1.50	1.90	2.15	2.50	2.90

CAST BRASS BARREL BOLTS.

WITH BENT STAPLE, BRASS OR PORCELAIN KNOB.

Inch,	3	4	5	6
Per doz.,				



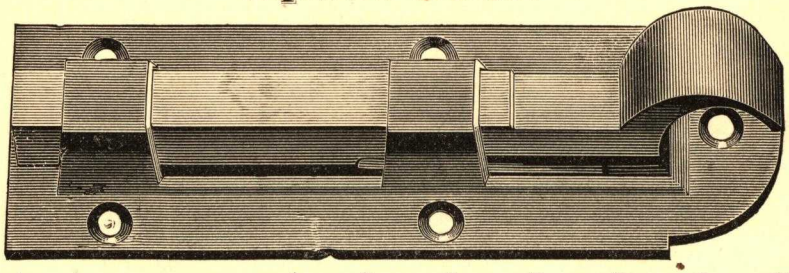
BRONZED BARREL BOLTS.

Inch,	3	4	5
Per doz.,	1.30	1.60	2.00

BRONZED SQUARE BOLTS.

Inch,	3	4
Per doz.,	2.00	2.25

Square Bolts.



Inch,	4	5	6	7	8	9	10
Per doz.,	.75	.88	1.12	1.50	1.88	2.25	2.62

SQUARE NECK BOLTS.

Inch,	4	5	6	7	8
Per doz.,	.75	1.00	1.50	1.75	2.00

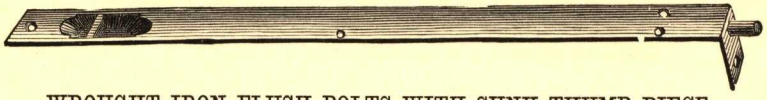
WROUGHT IRON SQUARE BOLTS.

Inch,	4	5	6	7	8	9	10	12
Per doz.,	2.50	2.65	2.85	3.75	4.00	4 35	6.00	6.35

WROUGHT IRON SQUARE BOLTS, EXTRA HEAVY.

Inch,	4	5	6	7	8	9	10	12	14
Per doz.,	3.25	3.40	3.60	4.75	5.25	6.00	8.00	8.75	9 00

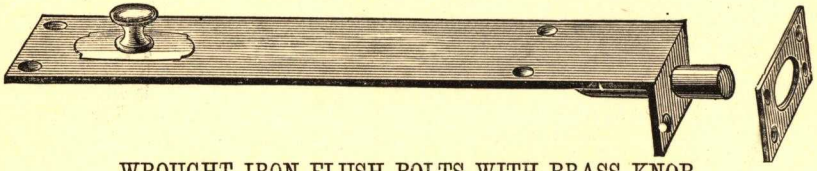
Flush Bolts.



WROUGHT IRON FLUSH BOLTS WITH SUNK THUMB PIECE.

⅝ Inch wide,	6	9	12	15	18	21	24
Per doz.,	2.50	2.80	3.10	3.45	3.80	4.20	4.60

1¼ Inch wide,	6	9	12	15	18	21	24	30	36
Per doz.,	3.50	3.95	4.40	4.80	5.25	5.70	6.15	7.20	8.30



WROUGHT IRON FLUSH BOLTS WITH BRASS KNOB.

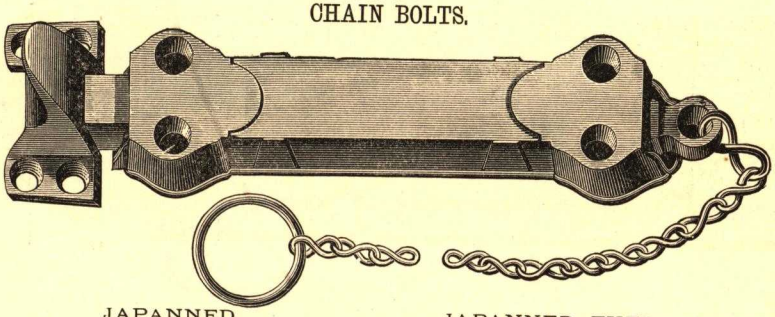
1¼ inch wide,	6	9	12	15	18	21	24	30	36
Per doz.,	4.00	4.50	5.00	5.50	6.00	6.50	7.00	8.25	9.50

WROUGHT IRON FLUSH BOLTS WITH PLATED KNOB AND SLIDE.

1½ Inch wide,	6	9	12	15	18	21	24	30	36	42	48	60
Per doz.,	11.50	12.00	12.50	13.00	13.50	14.25	15.00	16.50	18.50	20.50	23.00	28.00

Door Bolts.

CHAIN BOLTS.



JAPANNED.

Inch,	4	6	8	10
Per doz.,	1.95	3.55	4.55	5.85

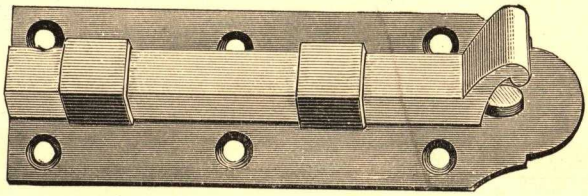
JAPANNED, EXTRA HEAVY.

Inch,	4	6	8	10
Per doz.,	4.20	5.50	7.00	9 80

BRONZED CHAIN BOLTS.

Inch,	4	6	8
Per doz.,	2.50	3.00	3.25

Wrought Spring Bolts.



CUT OF 2½ INCH.

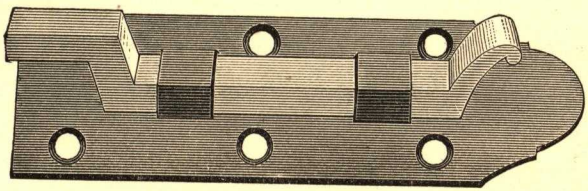
WROUGHT IRON SPRING BOLTS.

Inch,	2	2½	3	3½	4	4½	5	6
Per doz.,	1.10	1.20	1.35	1.60	1.80	2.10	2.25	2.70

WROUGHT BRASS SPRING BOLTS.

Inch,	2	2½	3	3½	4	4½	5
Per doz.,	2.25	2.70	3.25	4.00	4.30	5.15	5.40

WROUGHT NECK BOLTS.



CUT OF 2½ INCH.

Wrought Neck Bolts same price as Straight Bolts.

Cast Brass Flush Bolts.

⅜ Inch wide, ×	-	2	2½	3	4		½ Inch wide, ×	-	2½	3	4	5	6
Per doz.,	-	-					Per doz.,	-	-				
⅝ Inch wide, ×	4	5	6	8	10	12	¾ Inch wide, ×	4	5	6	8	10	12
Per doz.	-	-					Per doz.,	-	-				
1 Inch wide, ×	-	-	-	-	-	-	-	-	6	8	10	12	15	18	24
Per doz.,	-	-	-	-	-	-	-	-							

Door Buttons.

Plain.

On Plates.

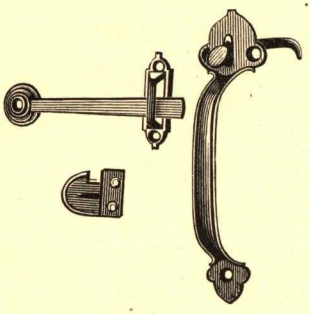
PLAIN.

Iron.							*Brass.*					
Inch, - - -	1¼	1½	1¾	2	2¼	2½	Inch, - -	1¼	1½	1¾	2
Per gross, - -							Per gross, -				

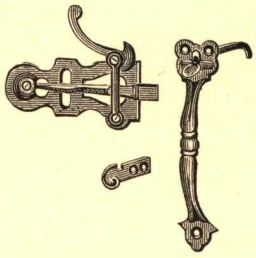
ON PLATES.

Iron.							*Brass.*				
Inch, - - - - -	1½	1¾	2	2¼	2½		Inch, - - -	1½	1¾	2
Per gross, - - - -							Per gross, - -			

Door Latches.



THUMB LATCH.

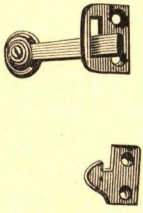


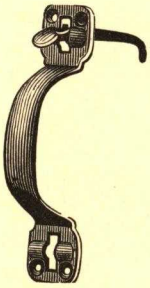
ROGGEN'S DROP LATCH.

PLAIN THUMB LATCHES.

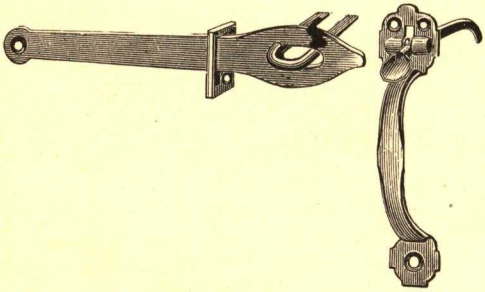
| | | | | | | | | | | | |

Store Door Handles.





No. 26.	Japanned,	without Plates, per doz.,	- - - - - - - - -
No. 16.	"	with Plates, "	- - - - - - - - -
No. 6.	"	put on with Nuts, per doz.,	- - - - - - - - -
No. 17.	Bronzed,	with Plate, "	- - - - - - - - -
No. 7.	"	" and nuts, "	- - - - - - - - -



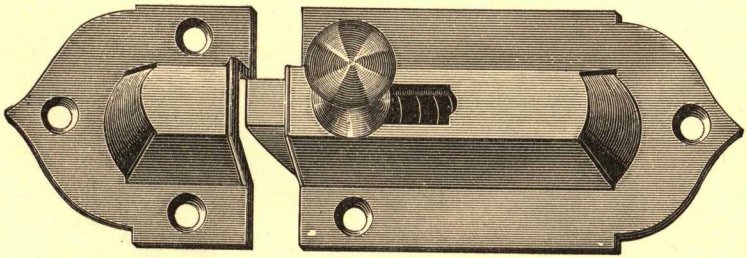
Barn Door Hasp and Latch.

12 Inch, Heavy, per doz., 3.00

BARN DOOR PULLS.

No. 1. Surface, per doz., - - .62 No. 2. Flush, per doz., - - .62

Cupboard Catches.



CUT OF 62.

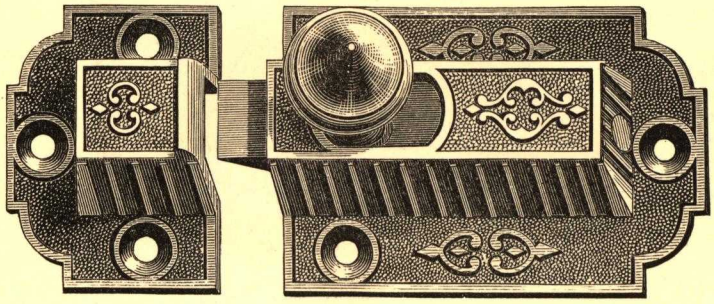
JAPANNED, BRASS KNOB.

Nos. - - -	60	61	62	63
Per gross, - -				

JAPANNED, PORCELAIN KNOB.

Nos. - - -	160	161	162	163
Per gross, - -				

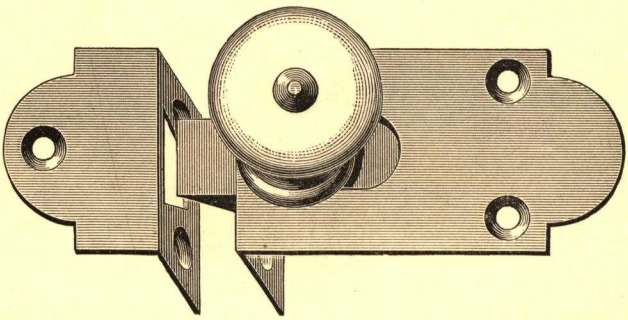
Cupboard Catches.—Continued.



CUT OF 145.

BRONZED IRON.

Nos.	145	147
Per gross,		

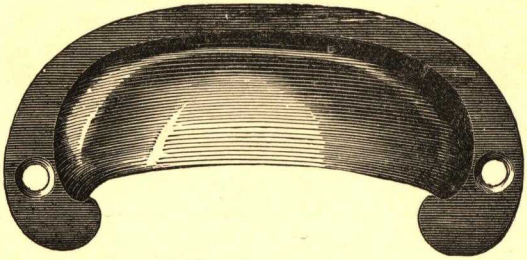


CUT OF 1205.

WROUGHT BRASS CUPBOARD CATCHES.

BRASS KNOB.					PORCELAIN KNOB.				
Nos.	0	1	2	3	Nos.	1005	1205	1405	1505
Per gross,					Per gross,				

Drawer Pulls.

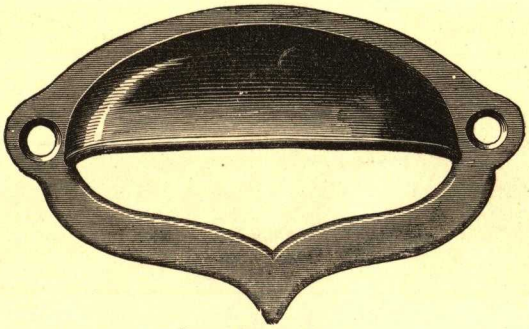


CUT OF 30 AND 31.

No. 30. Japanned, per gross,

No. 31. Copper Bronzed, per gross,

Drawer Pulls.—Continued.



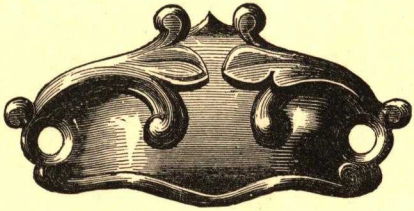
CUT OF 100, 101, 10, 11.

JAPANNED.

No. 100. Length, 2½ Inch, per gross,
No. 10. " 4 " "

COPPER BRONZED.

No. 101. Length, 2½ Inch, per gross,
No. 11. " 4 " "



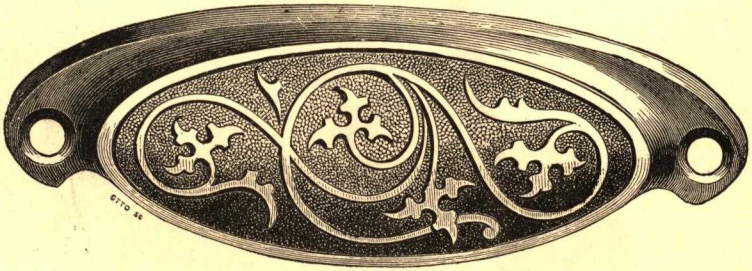
CUT OF 200, 201, 0, 1.

JAPANNED.

No. 200. Length, 3 Inches, per gross,
No. 0. " 4 " "

COPPER BRONZED.

No. 201. Length, 3 Inches, per gross,
No. 1. " 4 " "

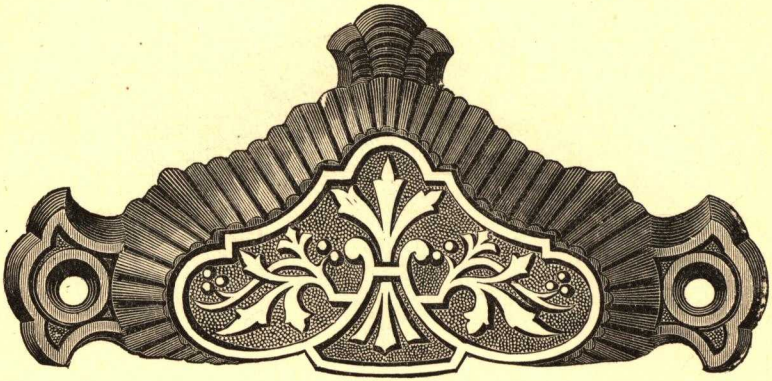


CUT OF 61.

BRONZED.

Nos.	41	51	61	71	81
Length,	3	3¼	3⅜	4⅛	5½
Per gross,	4.75	5.00	6.00	6.50	7.00

Drawer Pulls.—Continued.

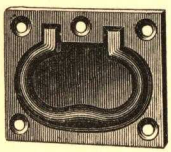


FULL SIZE CUT OF 52.

BRONZED.

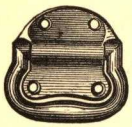
Nos.	52	62	72
Length,	4	4¼	4⅝
Per gross,	4.25	4.75	5.25

Chest Handles.



FLUSH CHEST HANDLES, JAPANNED.

Nos.	1	2	3	4
Size,	3×2⅜	3⅜×2½	4⅝×3⅝	5¼×4⅜
Per doz. pairs,	2.80	3.60	6.50	7.50

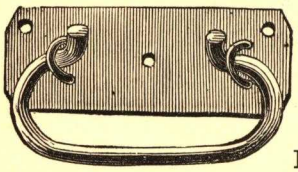


SURFACE CHEST HANDLES, JAPANNED.

Nos.	10	11	12	13
Per doz. pairs,	2.00	3.00	5.00	7.00

SURFACE CHEST HANDLES, BRONZED.

Nos.	20	21	22
Per doz. pairs,	4.50	5.87	8.00



WROUGHT CHEST HANDLES.

Nos.	1	2	3	4	5	6
Per doz. pairs,	2.25	2.63	3.00	3.38	3.75	4.12

BRASS FLUSH RINGS.

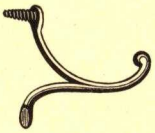
Inch,	1	1⅛	1¼	1⅜	1½
Per doz.,					

Hooks.

WARDROBE HOOKS.

CUT OF 1, 2 AND 3.

CUT OF 4 AND 5.



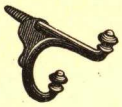
CUT OF 6 AND 7.

CUT OF 12 AND 13.

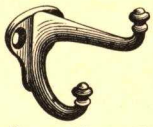
JAPANNED.

Nos.	1	2	3	4	5	6	7	12	13
Per gross,	.40	.50	.60	.73	.97	.85	1.13	.83	.93

HAT AND COAT HOOKS.



CUT OF 2, 3, 4, 5, 6.



CUT OF 75 AND 80.

CUT OF 180 AND 185.

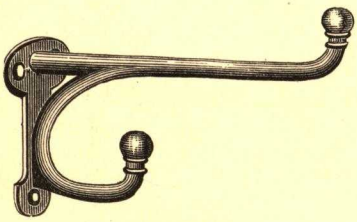
JAPANNED.

Nos.	2	3	4	5	6	75	180
Per gross,	1.50	1.75	2.00	2.25	2.50	1.85	2.25

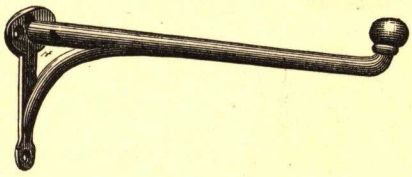
COPPER BRONZED.

Nos.	2	3	4	5	6	80	185
Per gross,	2.00	2.25	2.50	2.75	3.00	2.05	2.50

HARNESS HOOKS.



CUT OF 162 AND 165.



CUT OF 170.

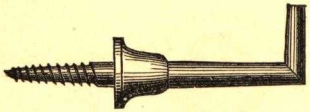
JAPANNED.

Nos.	162	165	170
Length, inches,	5½	6	8
Per doz.,	.90	1.00	1.10

SCHOOL HOUSE HOOKS.

Heavy, Pattern of No. 75, Hat and Coat Hook, - - - - per gross, 4.50

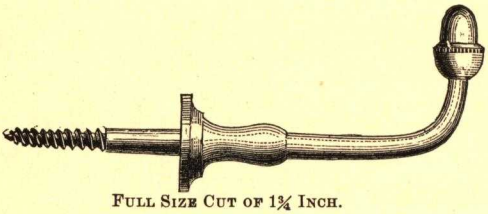
Hooks.—Continued.



FULL SIZE CUT OF 1 INCH.

BRASS SCREW HOOKS.

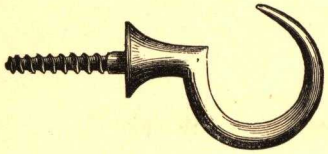
Inch,	½	⅝	¾	1	1¼	1½	1¾	2
Per gross,								



FULL SIZE CUT OF 1¾ INCH.

BRASS SCREW HOOKS, ACORN TIP.

Inch,	1	1¼	1½	1¾	2	2½	3
Per gr.,							

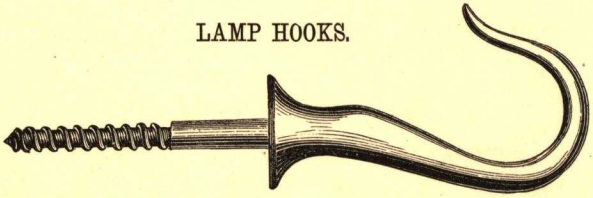


FULL SIZE CUT OF 1 INCH.

BRASS CUP HOOKS.

Inch,	¾	⅞	1	1¼	1½	1¾
Per gross,						

LAMP HOOKS.

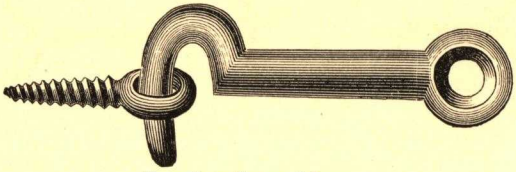


FULL SIZE CUT OF NO 2 JAPANNED AND NO 22 BRASS.

JAPANNED.							
No.	0	1	2	3	4	5	6
Length,	1¼	1½	1¾	1⅞	2	2¼	2½
Per gross,							

BRASS.							
No.	20	21	22	23	24	25	26
Length,	1¼	1½	1¾	1⅞	2	2¼	2½
Per gross,							

Hooks and Eyes.



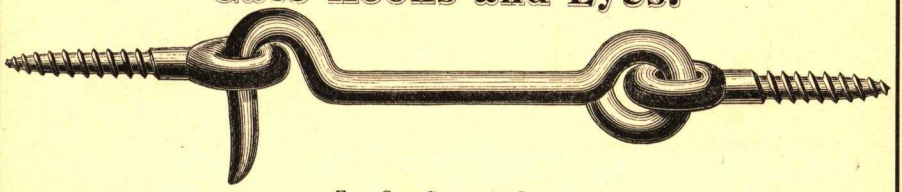
FULL SIZE CUT OF 2 INCH.

OVAL, EITHER RIGHT OR LEFT.

Iron, Inch,	1½	2	2½	3
Per gross,				

Brass,	1	1¼	1½	1¾	2	2½	3
Per gross,							

Gate Hooks and Eyes.

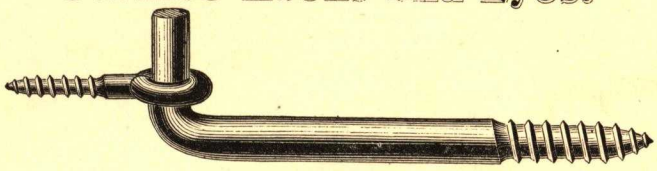


FULL SIZE CUT OF 2½ INCH.

BRIGHT WIRE.

Inch,	1½	2	2½	3	3½	4	4½	5	5½	6
Per gross,	4.75	5.00	5.25	6.50	7.25	8.00	10.00	11.00	12.00	13.00

Cornice Hooks and Eyes.

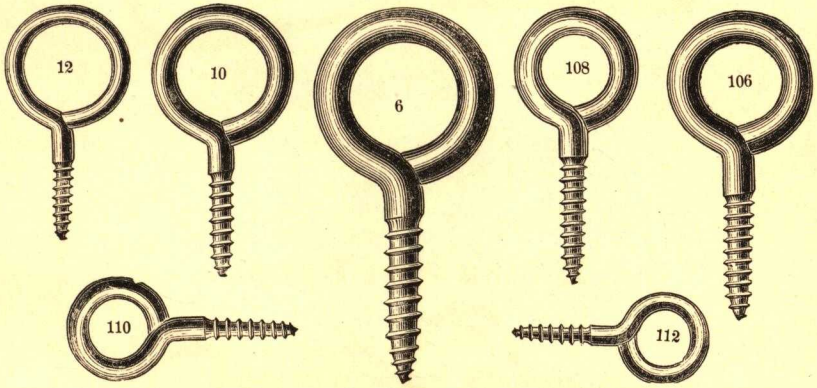


FULL SIZE CUT OF 2½ INCH.

BRIGHT WIRE.

Inch,	2	2½	3	3½	4	4½	5	5½	6	7
Per gross,	3.50	3.75	4.00	4.25	4.50	5.00	5.75	6.50	7.50	8.50

Screw Eyes.

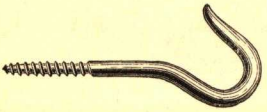


FULL SIZE CUTS.

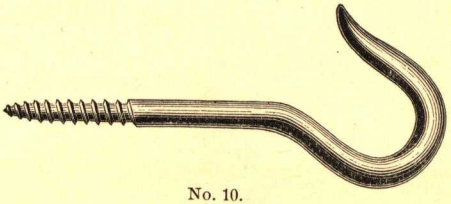
BRIGHT WIRE.

Nos.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Per gross,	6.50	5.50	5.00	4.00	3.00	2.50	2.00	1.75	1.50	1.25	1.10	.95	.85	.75	.65
Nos.	104	105	106	107	108	109	110	111	112	113	114				
Per gross,	2.75	2.25	1.85	1.65	1.25	1.10	1.00	.90	.80	.70	.65				
Nos.	204	205	206	207	208	209	210	211	212	213	214				
Per gross,	2.50	2.10	1.70	1.50	1.15	1.00	.90	.80	.70	.65	.55				

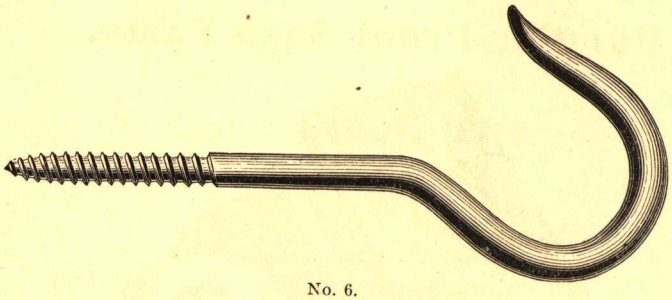
Screw Hooks.



No. 14.



No. 10.



No. 6.

FULL SIZE CUTS.

BRIGHT WIRE.

Nos.	0	1	2	3	4	5	6	6½	7	8	9	10	11	12	13	14
Per gross,	9.00	7.50	6.50	5.50	4.00	3.50	2.75	2.50	2.25	1.75	1.50	1.25	1.10	.95	.85	.75

BIRD CAGE HOOKS.

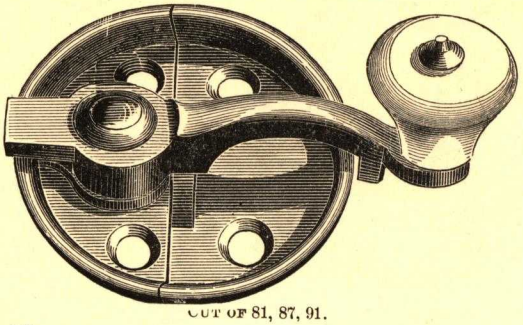
STRAIGHT.

Japanned, - - - - per doz.,
Bronzed, - - - - "
Gilt, - - - - - "

WIRE.

Light, - - - - - per doz.,
Heavy, - - - - - "
" Bronzed Back, "

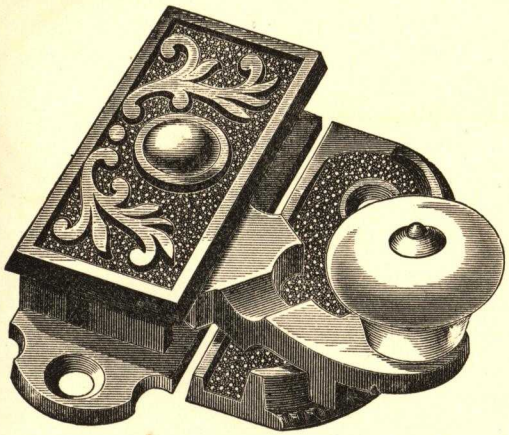
Sash Fasts.



CUT OF 81, 87, 91.

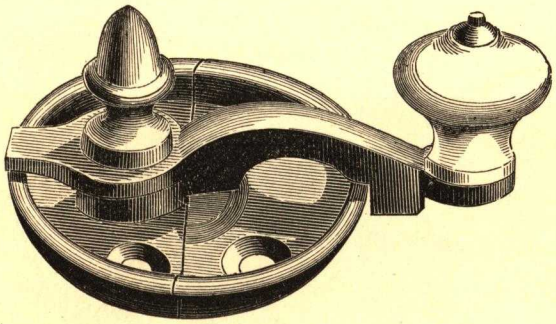
No. 80. Bronzed Iron, - - - - - - - - - - - - per doz.,
No. 81. " Porcelain Knob, - - - - - - - - - "
No. 87. Cast Brass, " - - - - - - - - - "
No. 91. Silver Plated " - - - - - - - - - "
No. 82. Maroon Finish, Tall Plated Rivet, Porcelain Knob, - - "
No. 94. Cast Brass, " " " - - - - "
No. 89. Silver Plated, " " " - - - "

Burglar Proof Sash Fasts.



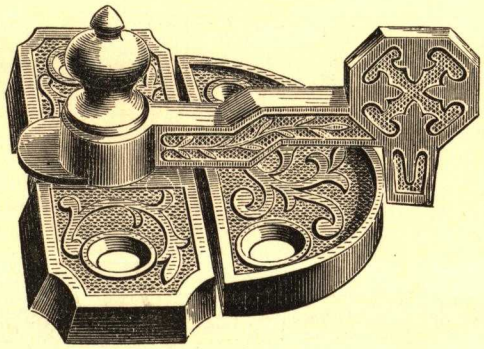
No. 400. Iron, Maroon Finish, - - - - - - - - - - per doz.
No. 401. " " " Porcelain Knob, - - - - - "
No. 402. " " " Bronze " - - - - - "
No. 403. " " " Nickel " - - - - - "
No. 404. " " " Two Nickel Knobs - - - - "
No. 418. Bronze Metal, Heavy, - - - - - - - - - "

Sash Fasts.—Continued.



CUT OF 83½, 85½.

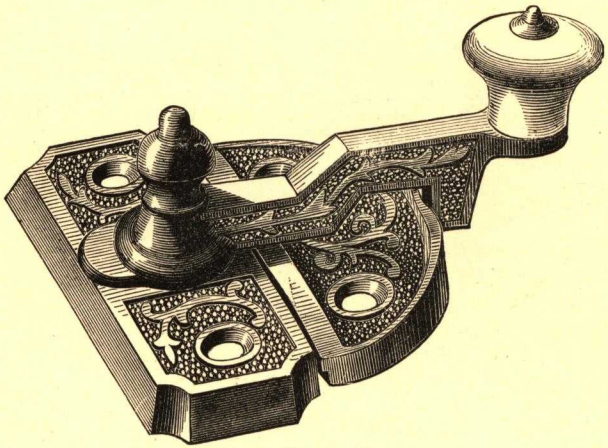
No. 83.	Cast Brass,	Burnished,	per doz.,
No. 85.	"	Silver Plated,	"
No. 83½.	"	Burnished, Porcelain Knob,	"
No. 85½.	"	Silver Plated, "	"



CUT OF 199 AND 200.

No. 199.	Maroon Finish,		per doz.,
No. 200.	"	Polished,	"
No. 202.	Solid Bronze Metal,		"

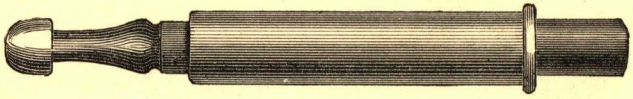
Sash Fasts.—Continued.



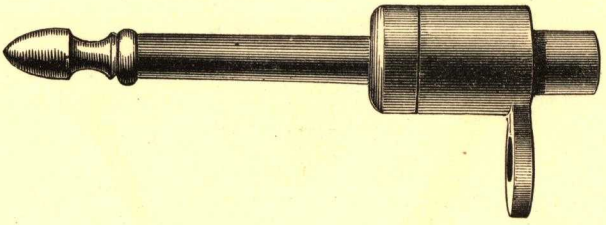
CUT OF 206 AND 206½.

No. 206½. Maroon Finish, - - - - - - - - - - - - per doz.,
No. 206. " Polished, - - - - - - - - - - - - "

Sash Bolts.



No. 1. Plain Bronze Bolt, - - - - - - - - - - - - per gross,
No. 2. " " Silver Tipped, - - - - - - - - "
No. 3. Malleable Iron Bolt, Tinned, - - - - - - - - "
No. 4. Norway " " - - - - - - - - "



No. 305. Judd's Improved Sash Bolt, Maroon Finish, - - - - per gross,
Sockets for Sash Bolts, - - - - - - - - - - - - "

Shutter Trimmings.

Inch, - - - - - - - - - - - - - - - - 1 1¼ 2 2¼ 2½ 3

Shutter Screws, per gross, - - - - - - - - -

Shutter Lifts, 3 Hole, per gross, Flush, per gross, - - - - -

STUBS AND PLATES.

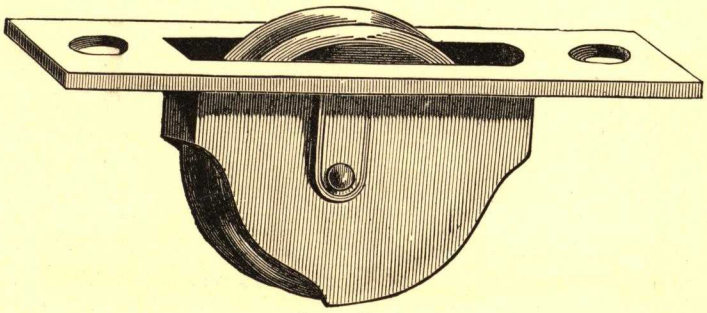
No. 1. Square. No. 2. Square, Heavy. No. 11. Round. No. 12. Round, Heavy.
Per gross,

Sash Rollers, Inch, - - - - - - - - - - - - ⅝ ¾ ⅞ 1 1¼
Per gross, - - - - - - - - - - - - - - -

Sash Rollers, Extra Heavy, Nos. - - - - - - - - - - 1 2 3
Width of Plate, - - - - - - - - - - - - - - 1 1¼ 1½
Per doz., - - - - - - - - - - - - - - - -

Pulleys.

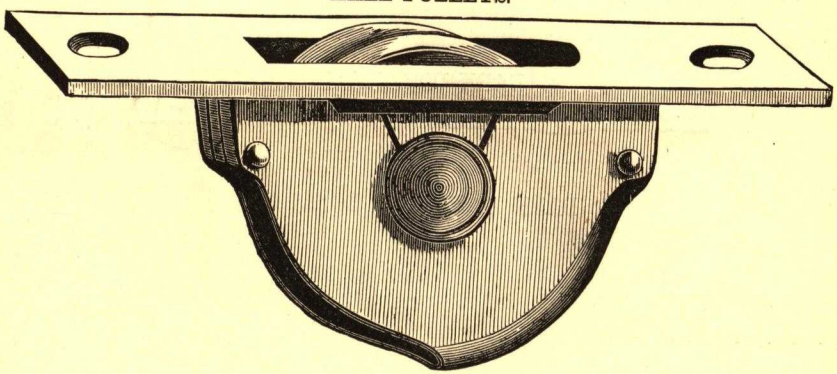
FRAME PULLEYS.



CUT OF No. 1.

No. 1. 1¾ Inch, - - per doz., No. 2. 1¾ Inch, Extra Heavy, per doz.,

AXLE PULLEYS.



CUT OF No. 4..

No. 3. 1¾ Inch, - - - per doz., No. 4. 2 Inch, - - - per doz.,

BLAKE'S PATTERN AXLE PULLEYS.

MILLED AXLES AND BEARINGS, FULL SIZE WHEEL.

Inch,	1¾	2	2¼	2½
Per doz.,				

Clark's Axle Pulleys, - 1¾ 2
Per doz., - - - - - -

Judd's Loose Wheel Axle Pulleys, 2 Inch
Per doz., - - - - - - -

JAPANNED PULLEYS.

Screw Pulleys,		1½	1¾	2	2¼	2½	3
Per doz.,							
Side Pulleys,	1	1½	1¾	2	2¼	2½	3
Per doz.,							

Upright Pulleys, - - - 1¾ 2
Per doz., - - - - - - -

Clothes Line Pulleys, - 2½ 3

Tackle Pulleys, Single, - 2 2½ 3
Per doz., - - - -

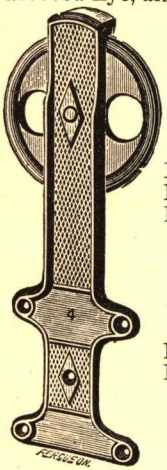
Double, - - - - 2 2½ 3

Hot House Pulleys, Single, 1¾ 2 2¼ 2½
Per doz., - - - -

Double, - - - 1¾ 2 2¼ 2½

Sash Weights.

Grooved Eye, all sizes, - - - - - - - - - - - - - per pound,



Barn Door Hangers.

CHECK BACK.

No.	1	2	3	4
Inch,	3	4	5	6
Per pair,	.60	.90	1.20	1.50

12 PAIRS IN A BOX.

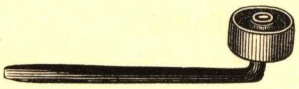
BARN DOOR ROLLERS.

Inch,	4	5	6	8
Per pair,	.35	.45	.60	1.00

BARN DOOR RAIL.

PER FOOT, .03. 200 FEET IN A BOX.

BARN DOOR STAY ROLLERS.

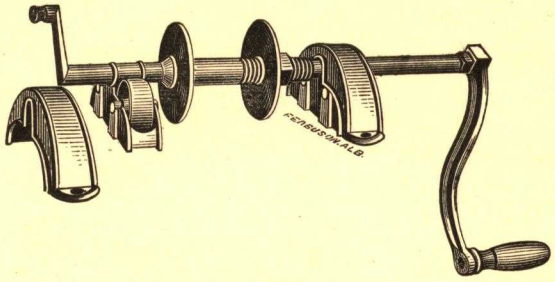


No. 1. To Drive, - - per doz., 2.00 No. 2. To Screw, - - per doz., 2.50

HAY FORK PULLEYS.

Swivel. Swivel, Anti-Friction. Wood Wheel.
Per doz.,

Grindstone Fixtures.



BROAD FACED, COPPERED ROLLERS.

Nos.	1	2	3
Length of Shaft, Inches,	18	20	24
Per doz.,	12.50	14.00	16.50

Extra Heavy Grindstone Fixtures, 30 inch shaft, - - - per doz., 24.00

Grindstones.

Berea, all sizes, per ton, - - - Huron, all sizes, per ton, - - -

Pump Fixtures.

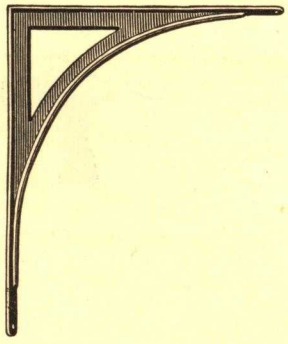
Chain Pump Fixtures, complete, - - - - - - - - - per doz., 11.00

Pump Chain, Galvanized, - - - - - - - - - - - per pound,

Pump Tubing, 1½ Inch bore, - - - - - - - - - - per foot,

Well Wheels, 12 Inch, - - - - - - - - - - - - per doz.,

Shelf Brackets.



PLAIN JAPANNED BRACKETS.

Inch,	3×4	4×5	5×6	6×8	8×10	8×12	10×12
Per doz.,							

HEAVY JAPANNED.

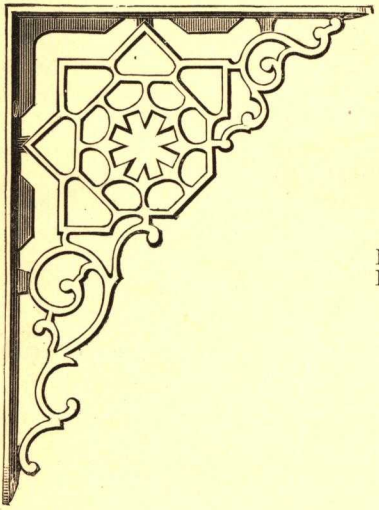
Inch,	5×6	6×8	8×10	8×12
Per doz.,				
Inch,	10×12	12×14	12×17	12×20
Per doz.,				

Shelf Brackets.—Continued.

NO. 01. FANCY BRACKETS.

Inch, - - 4×5 5×7 6×8 7×9 8×10 9×11 10×12
Per doz. prs.,

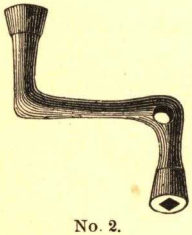
Finished in Dark Italian Bronze or Bronze and Gilt.



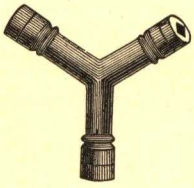
FANCY GERMAN BRONZE BRACKETS.

Inch, - 4×6 5×7 6×8 7×9½ 8×11 9×12
Per doz. prs.,

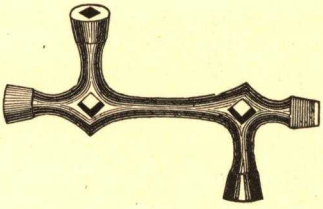
Bed Keys.



No. 2.



No. 5.



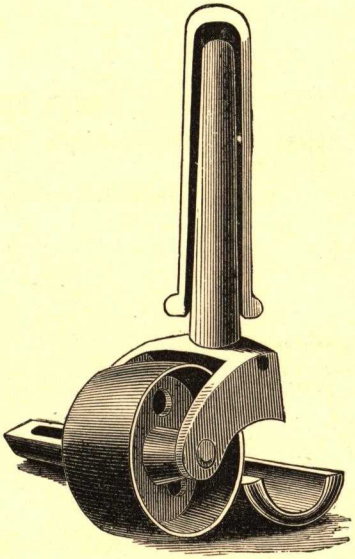
No. 4.

Nos.	2	4	5	Ratchet.
Per doz.,	1.00	1.60	1.60	5.00

Bed Fasts.

Single and Double Hook, all patterns, - - - - - - - - per pound,

Casters.



BED CASTERS.

Nos.	1	2	1	2
Diameter of Wheel, Inch,	1⅝	1⅝	2	2
All Iron, per set,	.10½	.12	.15	.16
Porcelain Wheel, per set,	.18	.19	.23	.25
Apple Wood " "	.15	.16	.17	.18

GLOBE BED CASTERS.

Apple Wood Wheel, per set, - - .35 Porcelain Wheel, per set, - - .45

BRACKET BED CASTERS.

3 INCH WHEEL.

All Iron, per set, .80 Apple Wood Wheel, per set, .80 Lignum Vitæ Wheel, per set .90

DEEP SOCKET CASTERS.

BRONZED SOCKET, BRASS WHEEL.

Diameter of Socket,	1	1⅛	1¼	1⅜	1½
Per set,	.37	.44	.48	.60	.80
Piano Casters, all Iron, Nos.				8	9
Per set,				.60	.70

STORE TRUCK CASTERS.

ALL IRON.

Stationary.				*Swivel.*			
Diameter of Wheel, - - -	3	4	4½	Diameter of Wheel, - - -	3	4	4½
Each, - - - - - - - -	.25	.35	.44	Each, - - - - - - -	.23	.38	.50

Casters.—Continued.

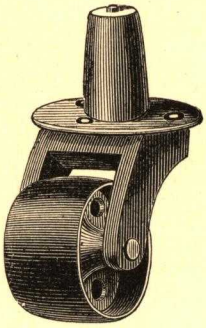
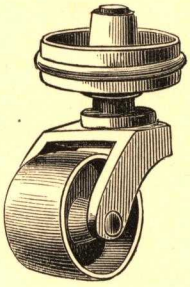


PLATE CASTER.



ROUND SOCKET CASTER.

PLATE CASTERS.

LONG WROUGHT PIVOT.

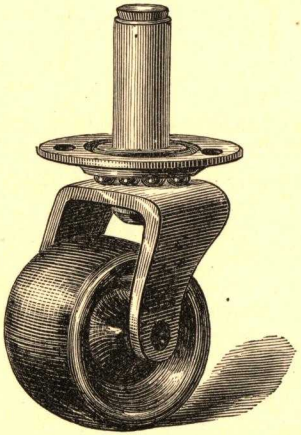
Nos.	1	2	3	4	5	6	7
All Iron, per set,	.10	.11	.12	.15	.17	.20	.28
Porcelain Wheel, per set,	.14	.15	.18	.22	.26	.30	.35
Lignum Vitæ Wheel, per set,	.14	.15	.18	.22	.26	.30	.35
Brass Wheel, per set,	.20	.23	.28	.36	.45	.57	.75
All Brass, per set,	.37	.48	.56	.65	.80	.95	1.20

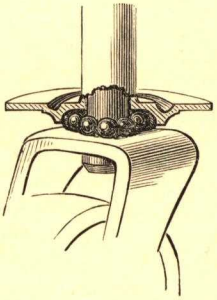
ROUND SOCKET CASTERS.

BRASS SOCKETS.

Diameter of Socket,	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Porcelain Wheel, per set,	.33	.38	.50	60	.70	.80
Lignum Vitæ Wheel, per set,	.33	38	.50	.60	.70	.80
Brass Wheel, per set,	.42	.53	.63	.72	.84	1.00
Rubber Wheel, "	.56	.60	.68	.80	.87	1.05

ANTI-FRICTION CASTERS, ALL WROUGHT.





These Casters are all Wrought, have Anti-Friction Rollers and small Pivots. List same as Common Casters.

ANTI-FRICTION CASTERS, NICKEL PLATED.

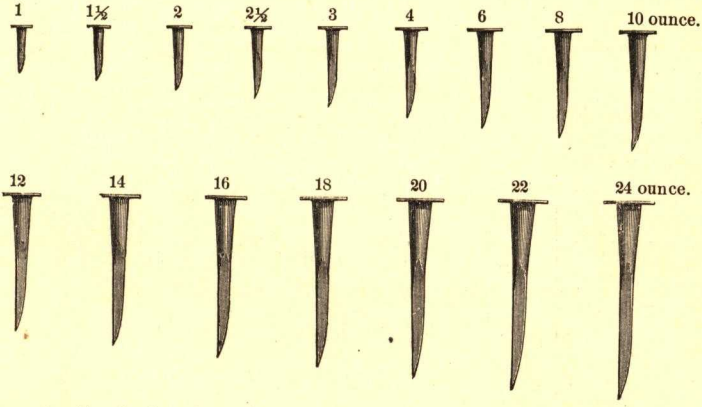
PLATE CASTERS.

Number.	1	2	3	4	5	6
Nickel Plated, - - - - - - -	1.10	1.40	1.60	1.90	2.40	2.80
" Rubber Wheel, - -	1.20	1.52	1.74	2.05	2.56	3.00
" Porcelain " - -	1.07	1.37	1.56	1.85	2.34	2.71

ROUND SOCKET.

Diameter of Socket.	⅞	1	1⅛	1¼	1⅜	1½
Nickel Plated, - - - - - - -	1.20	1.50	1.90	2.20	2.50	3.10
" Rubber Wheel, - -	1.30	1.62	2.04	2.35	2.66	3.30
" Porcelain " - -	1.17	1.47	1.86	2.15	2.44	3.01

Cut Tacks.



Ounce,	1	1½	2	2½	3	4	6	8	10	12	14	16	18	20	22	24
Per doz.,	.84	.84	.84	.96	1.08	1.20	1.44	1.68	1.92	2.16	2.40	2.64	2.88	3.12	3.36	3.60

LARGE HEAD CARPET TACKS.

AMERICAN IRON.

Flat Head.

Ounce, - - -	6	8	10	12	14
Per doz., - -	.48	.54	.60	.66	.78

SWEDES IRON.

Flat and Oval Head.

Ounce, - - -	6	8	10	12	14
Per doz., - -	.54	.60	.66	.78	.90

TINNED CARPET TACKS.

Flat and Oval Head.

Ounce, - - -	6	8	10	12
Per doz., - - -	.96	1.08	1.26	1.38

LEATHERED CARPET TACKS.

Full Count.

Ounce, - - - - -	6	8	10
Per doz., - - - - -	.25	.25	.25

SWEDES IRON TACKS, IN BULK.

Ounce,	1	1½	2	2½	3	4	6	8	10	12	14	16	18	20	22	24
Per pound,	.60	.42	.38	.34	.30	.28	.24	.21	.19	.18	.17	.17	.16	.16	.16	.16

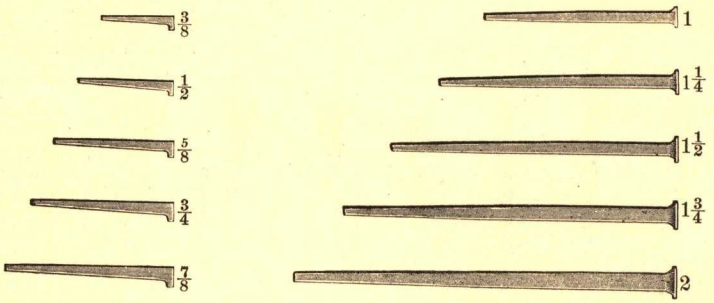
COPPER TACKS.

Ounce,	1	1½	2	2½	3	4	6 oz. or ½ in. and upwards, per lb.
Per thousand,	.9	.10	.11	.12¼	.14	.17	.50

GIMP AND LACE TACKS.

Ounce,	1	1½	2	2½	3	4	6	8	10	12
Per doz.,	.36	.36	.42	.45	.50	.57	.66	.72	.84	.93

Brads.



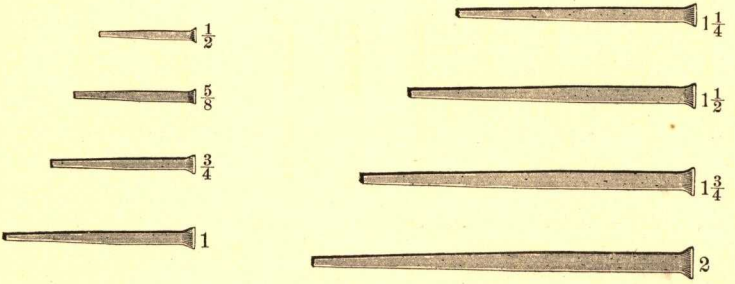
COMMON. PATENT.

COMMON AND PATENT BRADS.

Inch,	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	2
Per doz.,	.96	.96	1.08	1.20	1.32	1.56	1.92	2.40	3.00	3.60

Nails.

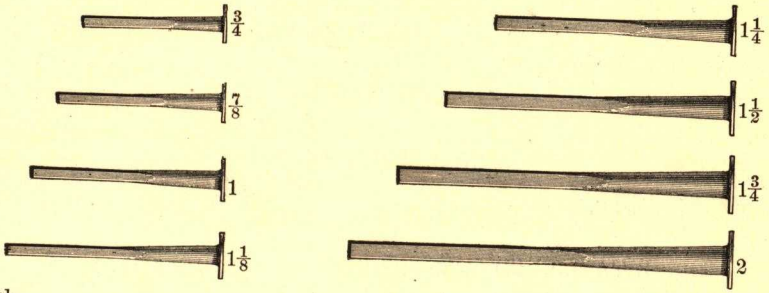
FINISHING NAILS.



Inch,	½	⅝	¾	⅞	1	1¼ and longer.
Per pound,	.25	.20	.18	.16	.14	.12

Price in Bulk same as in pound papers.

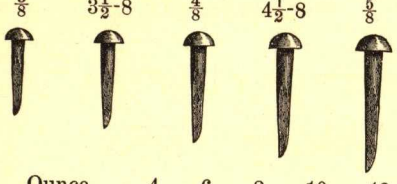
CLOUT NAILS.



Inch,	½	⅝	⅜	⅞	1	1¼ and longer.
Per pound,	.25	.20	.18	.16	.14	.12

Tinned Trunk and Clout Nails, add 5 cents per pound.

HUNGARIAN NAILS.

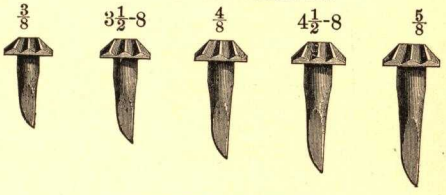


Ounce,	4	6	8	10	12
Per doz.,	.60	.72	.96	1.08	1.20

All sizes in ½ or 1 pound papers, per pound, - - - - - - .14

HOB NAILS.

GROOVED HEADS.



AMERICAN IRON.

All sizes in ½ or 1 pound papers, per pound, - - - - - - .13

SHOE NAILS.

IRON, COMMON, STOUT AND O STOUT.

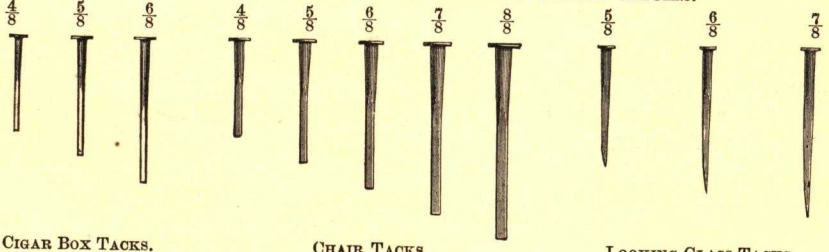
	3 and 3½-8	4-8 and longer.
Per pound,	.10	.09½

STEEL SHOE NAILS.

	4-8	5-8	6-8 and larger.
Per thousand,	.42	.50	.52

All sizes, - - - per pound, .35

CIGAR BOX, CHAIR AND LOOKING GLASS TACKS.



CIGAR BOX TACKS. CHAIR TACKS. LOOKING GLASS TACKS.

CIGAR BOX TACKS.

Inch,	4/8	5/8	6/8
Per thousand,	.07	.08	.10

In lb. Papers or Bulk, all Sizes 25 cents per lb.

CHAIR TACKS.

Inch,	4/8	5/8	6/8	7/8	8/8
Per thousand,	.07	.09	.11	.13	.15

LOOKING GLASS TACKS.

All Sizes 7 cents per thousand, and 30 cents per lb.

LINING NAILS.

SILVER OR JAPANNED OVAL HEAD.

2½ to 12 ounces, 100 in paper, - - - - - - - - - - - per paper,

Copper Nails, all sizes, - - - - - - - - - - - - " pound,

GLAZIERS' POINTS.

	Tin.	Zinc.
Per paper (½ pound), - - - - - - - - - - - - - - - -	.07	.12

ESTABLISHED LENGTHS OF TACKS AND NAILS.

COPPER, AMERICAN AND SWEDES IRON TACKS.

Of all kinds not specified below.

Ounce,	1	1½	2	2½	3	4	6	8	10	12	14	16	18	20	22	24
Inch,	3/16	3 1-2/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16	13/16	14/16	15/16	16/16	18/16

GIMP AND LACE TACKS.

Ounce,	1	1½	2	2½	3	4	6	8	10	12	14	16	18	20
Inch,	3 1-2/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16	13/16	14/16	15/16	16/16

SHOE TACKS.

Ounce,	1	1½	2	2½	3
Inch,	2 1-2/8	3/8	3 1-2/8	4/8	4 1-2/8

ROUND HEAD TACKS OR HUNGARIAN NAILS.

Ounce,	3	4	6	8	10	12	14	16	18
Inch,	3-8	3½-8	4-8	4½-8	5-8	5½-8	6-8	7-8	8-8

NUMBER OF CUT TACKS IN ONE POUND.

Ounce,	1	1½	2	2½	3	4	6	8
Nos.	16,000	10,000	8,000	6,400	5,333	4,000	2,666	2,000

Ounce,	10	12	14	16	18	20	22	24
Nos.	1,600	1,333	1,143,	1,000	888	800	727	666

Wire Nails.

Inch,	¾	1	1¼	1½	1¾	2	2¼	2½
Per pound,								

Upholsterer's Nails, Gilt, Plated, Steel and China Head, in large variety.

Picture Nails.

Wrought Iron, Brass Capped, - - Inch,	1¼	1½	1¾	2	2½	3
Per gross, - - - - - - - - - - - -	.64	.67	.74	.80	.97	1.10	1.32

Porcelain Head, Plain, -	2	2½	3	Gilt Rim, - - - - -	2	2½	3
Per gross, - - - - -				Per gross, - - - - -			

Fancy Head Picture Nails, in Gilt, Silver, Crystal and Colors.

Base Knobs or Door Stops.

	PLAIN.				PLUSH TIP.			
	2⅛ Inch.		3 Inch.		2⅛ Inch.		3 Inch.	
	No.	Per Gross.	No.	Per Gross.	No.	Per Gross.	No.	Per Gross.
Birch,	3	3.00	13	3.50	8	4.25	18	5.00
Walnut,	5	4.50	15	4.50	9	5.00	19	5.50
Mahogany,	6	4.50	16	5.00	20	5.25	21	5.75
Enameled,	7	4.75	17	5.25	22	5.25	23	5.95

RUBBER TIPPED BASE KNOBS.

	2⅛ Inch.		3 Inch.	
	No.	Per gross.	No.	Per gross.
Birch,	42	7.50	43	8.00
Walnut,	46	8.00	47	9.00
Mahogany	48	9.00	49	9.50
Enameled,	50	10.00	51	10.50

FLOOR DOOR FENDERS.

To Screw into the Floor.

Chestnut, 2¼ Inch, - per gross,
Walnut, 2¼ " - "

Shutter and Drawer Knobs.

FAST SCREW SHUTTER KNOB.

Inch,	⅝	¾	1	1¼	1½	1¾	2	2¼
Mineral, per gross,								
Porcelain, "								

PORCELAIN SHUTTER KNOBS, LOOSE SCREW.

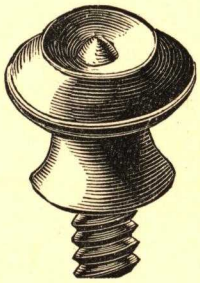
Inch,	⅝	¾	1	1¼	1½	1¾	2
Per gross,							

DRAWER KNOBS.

Inch,	1	1¼	1½	1¾	2	2¼
Mineral, per gross,						
Porcelain, "						

Furniture Knobs.

No. 8, 1 INCH.

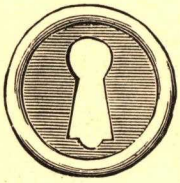


No. 0, 1 INCH.

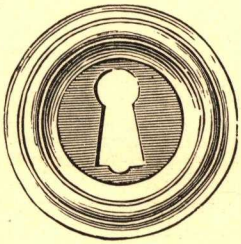
BLACK WALNUT, MAHOGANY AND OAK.

No. 8,	1	1¼	1½	1¾	2	Inch, with Wood Screws, per gross,							2.20
No. 0,	"	"	"	"	"	"	"	"	"	"	"		3.00
Toilet Screws, Black Walnut, Mahogany or Oak,											"		3.50

Escutcheons.



CUT OF ¾ INCH.



CUT OF 1¼ INCH.

BLACK WALNUT, MAHOGANY AND OAK.

PLAIN.

Inch,	⅝	¾	⅞	1	1¼	1½	1¾	2
Per gross,	.45	.45	.54	.63	1.75	2.25	2.50	3.00

Brass Thread Escutcheons,	⅜	½	9/16	⅝	¾
Per gross,					

PORCELAIN ESCUTCHEONS.

Plate,	¾	⅞	1
Per doz. pairs,			

Poppy Drop.

PLATED ESCUTCHEONS.

Plate,	¾	⅞	1
Per doz. pairs,			

Door Knobs.

Mineral, Rim or Mortise,	Per doz.,
Porcelain, Japanned Rose, Rim or Mortise,	"
" Porcelain Rose, " "	"
" Plated " " "	"
Silver Glass " "	"
Imitation Bronze " "	"
Solid Bronze " "	"

A COMPLETE ASSORTMENT OF

BUILDERS' LOCKS AND TRIMMINGS,

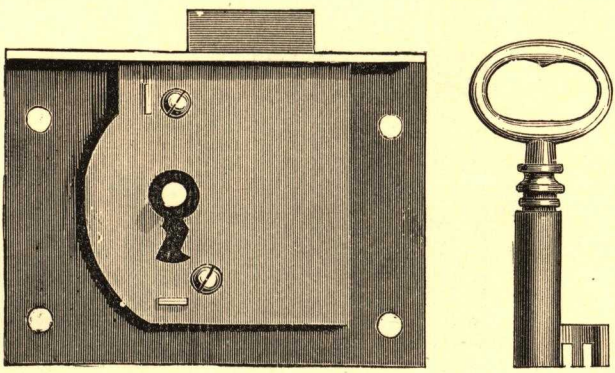
ALSO

AMERICAN PADLOCKS.

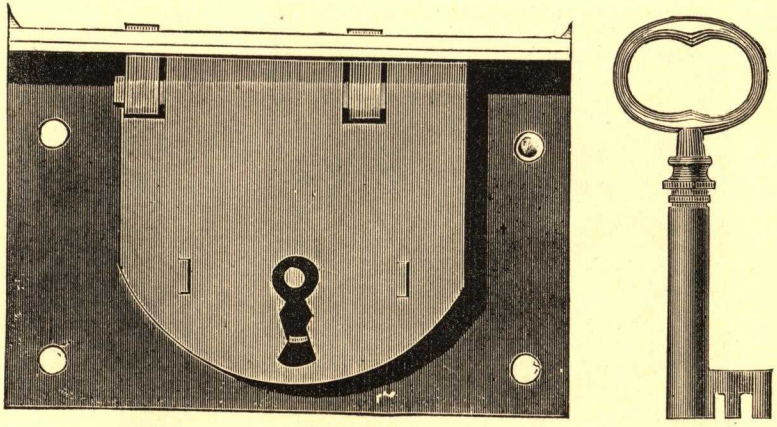
Separate Lists furnished.

Eagle Locks.

TILL.

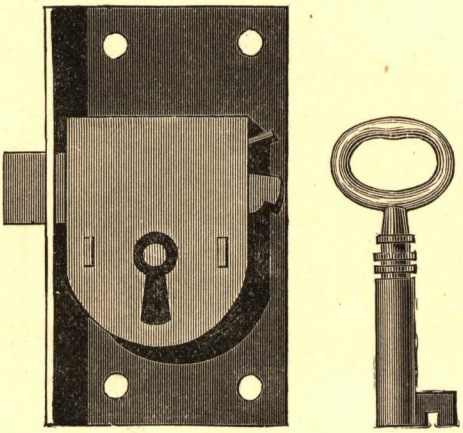


CHEST.

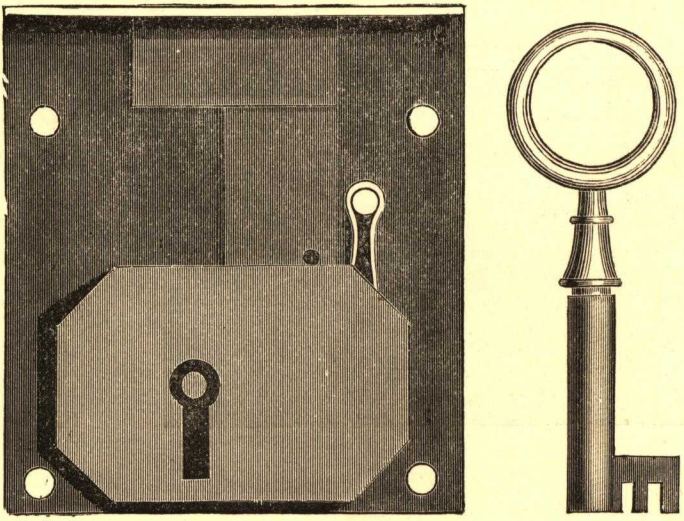


Eagle Locks.—Continued.

CUPBOARD.

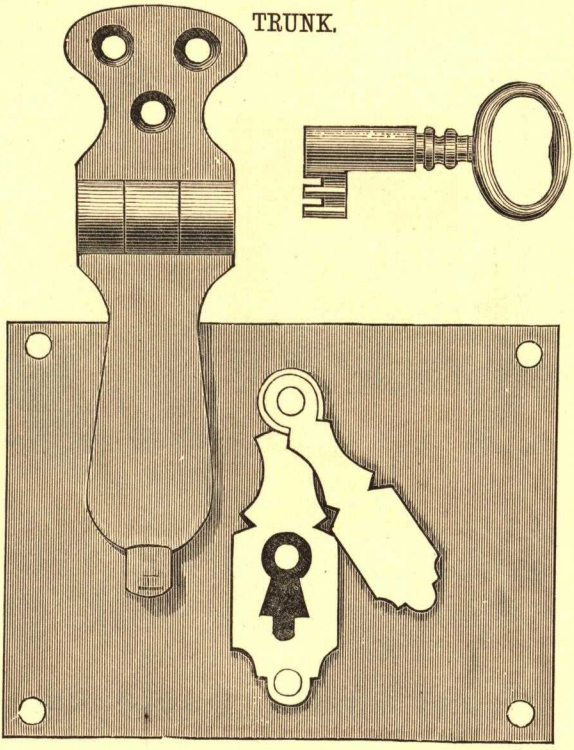


DRAWER.



Eagle Locks.—Continued.

TRUNK.

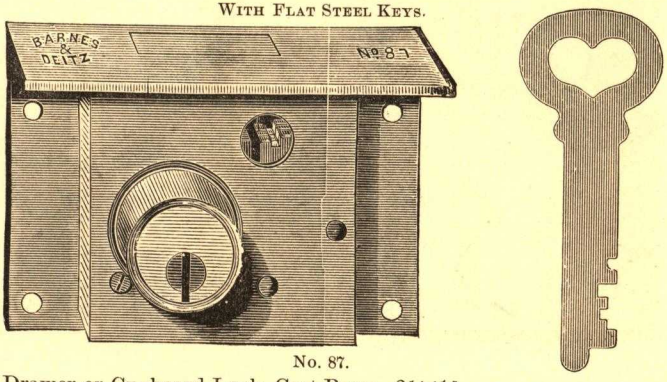


Keys.

Cabinet, assorted, per gross,	- -	Till, assorted, per gross,	- - -
Cupboard, " "	- -	Trunk, " "	- - -
Chest, " "	- -	Bag, " "	- - -

Barnes and Dietz Cylinder Locks.

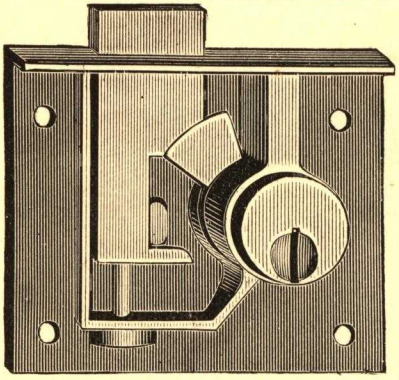
WITH FLAT STEEL KEYS.

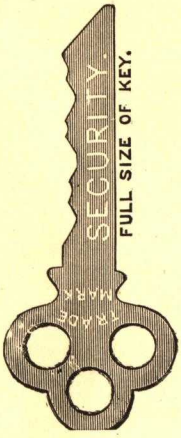


No. 87.

No. 87.	Drawer or Cupboard Lock, Cast Brass,,	$2\frac{1}{4}\times1\frac{5}{8}$ - - - - - -	10.80
No. 91.	" " "	$2\frac{1}{2}\times1\frac{3}{4}$ - - - - - -	12.60

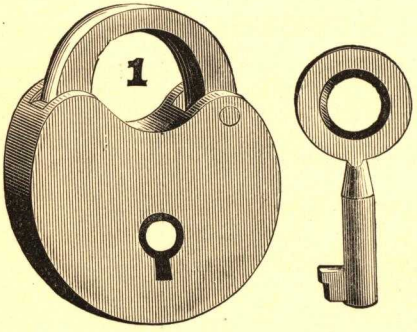
Yale Locks.



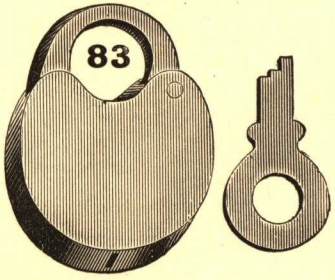


Drawer, Brass Case, per doz.,	13.20	Brass Case, Plated Nose, per doz.,	14.40
Desk, " " "	14.40	" " "	15.60
Cupboard, " " "	19.80	" " "	21.00
Chest, " " "	28.80	" " "	30.00
No. 10. Store Door, Japanned Case, Plated Escutcheon, $4\times2\frac{1}{2}$ Inch,		"	66.00
" 2. " " "	" 5×3 "	"	81.00
" 42. Rim Night Latch, Brass Escutcheon and Knob, $3\frac{5}{8}\times2\frac{5}{8}$ "		"	30.00
" 41. " " Plated " "	" $3\frac{5}{8}\times2\frac{5}{8}$ "	"	33.00
" 66. Mortise Night Latch, Brass Escutcheon and Porcelain Knob, $3\frac{1}{2}\times2\frac{3}{8}$ In.			48.00
" 64. " " Plated "	" "	" $3\frac{1}{2}\times2\frac{3}{8}$ "	51.00

Brass Spring Padlocks.



STYLE OF NOS. 0 TO 12.

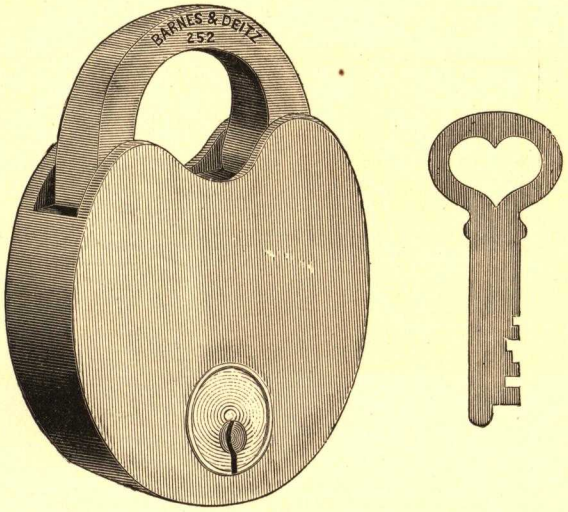


STYLE OF NOS. 81 TO 91.

	No Drop.						Plain Drop.		Spring Drop.			Chain.	
Nos.	0	1	2	3	4	5	6	7	8	9	10	11	12
Inch,	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$2\frac{1}{8}$	$2\frac{1}{2}$	$2\frac{1}{8}$	$2\frac{1}{2}$	$2\frac{1}{8}$	$2\frac{1}{2}$	3	$2\frac{1}{2}$	$2\frac{1}{8}$
Per doz., 1 key,	3.00	4.00	5.25	6.50	8.00	9.25	8.75	10 00	9.50	11.00	20.00	12.50	10.50
" 2 "	3.75	5.00	6.25	7.50	9.25	10.75	10.00	11. .0	10.75	12.50	22.50	14.00	11.75

Nos.	81	82	83	84	85	86	87	88	89	90	91
Inch,	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$
Per doz.,	2.25	2.50	2.80	3.25	3.70	4 25	5.00	5 75	7.00	8.50	10.00

Brass Spring Padlocks.—Continued.



BARNES AND DIETZ BRASS SPRING PADLOCKS.

No. 252.

No. 252.	2⅛ Inch, 3 Tumblers, 2 Steel Keys,	Per doz.,	13.50
No. 253.	" " " "	Tinned Chain, "	15.90
No. 262.	2½ " " "	"	15.00
No. 263.	" " " "	Tinned Chain, "	17.40

Hand Rail Screws.

Inch.,	$\frac{5}{16}\times4$	4½	5	5½	⅝×6
One Nut, per gross,	9.00	10 00	11.25	12.25	14.50
Two Nuts, "	10.25	11.25	12.50	13.50	16.75
" Swelled Center, "	16.75	18.00	19 00	20.25	21.50

Wrought Iron Goods.

WROUGHT STAPLES—NORWAY IRON.

Inch,	1	1¼	1½	1¾	2	2¼	2½	3	3½	4
Per gross,	1.20	1.20	1.25	1.50	1.70	2.00	2.35	3.20	3.70	5.25

HOOKS AND STAPLES.

Inch,	2½	3	3½	4	4½	5	5½	6
Per gross,	5.50	6.40	7.30	8.50	9.50	10.50	11.50	12.50

HASPS AND STAPLES.

Inch,	4	5	6	7	8	9	10	12
Per doz.,	.84	.90	1.00	1.10	1.30	1.70	1.80	2.60

Wrought Iron Goods.—Continued.

HASPS AND STAPLES, EXTRA HEAVY.

Inch,	6	7	8	9	10	12
Per doz.,	1.36	1.50	1.70	2.00	2.30	3.50

HASPS AND STAPLES, WITH HOOKS.

Inch,	5	6	7	8	9	10	12
Per doz.,	1.20	1.40	1.60	1.80	2.20	2.50	3.84

HASPS AND STAPLES WITH HOOKS, EXTRA HEAVY.

Inch,	6	7	8	9	10	12
Per doz.,	1.80	2.00	2.30	2.60	2.90	4.50

BENT HASPS AND STAPLES.

Inch,	6	7	8
Per doz.,	1.10	1.30	1.50

TRAP DOOR RINGS.

Inch,	1½	2	2½	3
Per gross,	6.00	8.40	12.00	14.40

S HOOKS.

Inch,	1½	1¾	2	2¼	2½	3
Per gross,	5.25	6.00	6.75	7.50	8.25	9.75

AWNING HOOKS.

Inch,	1¾	2	2½	3	3½	4	4½	5	6
Per gross,	2.50	2.60	2.80	3.50	4.00	4.60	5.00	5.50	6.50

HINGE NAILS.

ROUND OR COUNTERSUNK HEAD.

Inch,	2	2½	3	3½	4
Per pound,	.50	.48	.44	.44	.44

Hitching Rings, per doz., - - 2.25 **Horse Hooks and Rings,** per doz., 3.25

MEAT HOOKS.

Tinned, to drive, Nos.	0	1	2	3	4
Per gross,	3.50	4.50	5.10	7.20	9.60

Tinned Wire Meat Hooks, to screw, Nos.	0	3	4	5
Per gross,	12.00	7.50	6.25	5.00

Bells.

HAND BELLS.

Nos.,	0	1	2	3	4	5	6	7	8	9	10	12	14
Per doz.,	2.00	2.50	3.00	4.50	6.50	8.50	11.25	13.75	18.50	24.00	30.00	36.00	45.00

SWISS HAND BELLS.

SILVER PLATED, ROSEWOOD HANDLES.

Nos.	72	74	76	78
Per doz.,	8.00	12.00	17.00	33.00

Bells.—Continued.

ABBE'S PATENT GONG BELLS.

No. 20. BRONZED STEEL.

Inch,	3	4	5	6
Per doz.,	4.00	5.00	7.00	10.00

No. 30. POLISHED BELL METAL.

3	4	5	6	7	8	10
8.00	10.00	14.00	20.00	28.00	40.00	64.00

No. 40. SILVER WHITE.

Inch,	3	4	5	6
Per doz.,	9.00	12.00	16.00	24.00

ALARM DOOR BELL.

No. 25. Bronzed.	35. Polished.
6.00	11.00

CRANK DOOR BELLS.

3½ Inch Bells.	Per doz.	5 Inch Bells.	Per doz.
No. 6. Polish'd Bell, Plated Crank,	17.25	No. 7. Polish'd Bell, Plated Crank,	23.75
No. 16. Plated " "	21.75	No. 12. Plated " "	28.75
		22. Bronzed " "	17.25

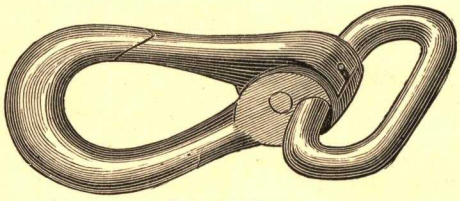
House Bells or Carriage, complete, - - - - - - - - per doz., 6.50

Loose House Bells, Polished, per lb., White Metal, - - per lb.,

Horse Car Bells, - - - - - - - -

Harness Snaps.

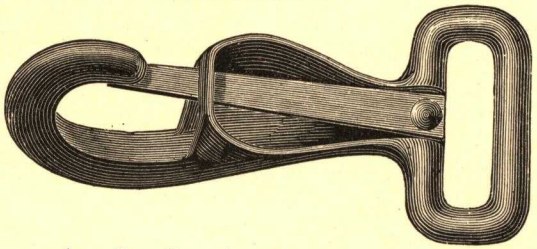
TINNED.



CUT OF ¾ INCH.

Size of Eye, -	¾	⅞	1	1⅛	1¼	1½	1¾	Round Eye,	⅝ ¾
Per gross, - -	10.00	10.00	10.00	11.00	13.00	13.00	15.00		11.00 14.00

JAPANNED.



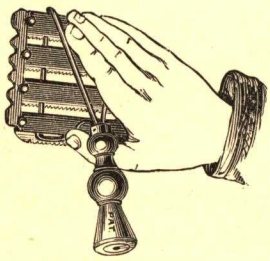
Nos. - - -	1	2	3	4	5	6	7	8		20
Size of Eye, -	¾	⅞	1 5/16	1	1¼	1½	1¾	2	Round Eye,	⅞
Per gross, - -	7.00	7.25	8.00	8.75	11.00	13.00	15.50	25.00		12.00

WROUGHT.

No. - - - -	1	2	3	4	5	6	
Size of Eye, - -	¾	⅞	1	1¼	1½	1¾	Malleable, Double Snap.
Per gross, - - -	3.25	3.25	3.25	5.00	6.00	6.00	5.00

Curry Combs.

LAWRENCE'S PERFECT CURRY COMBS.

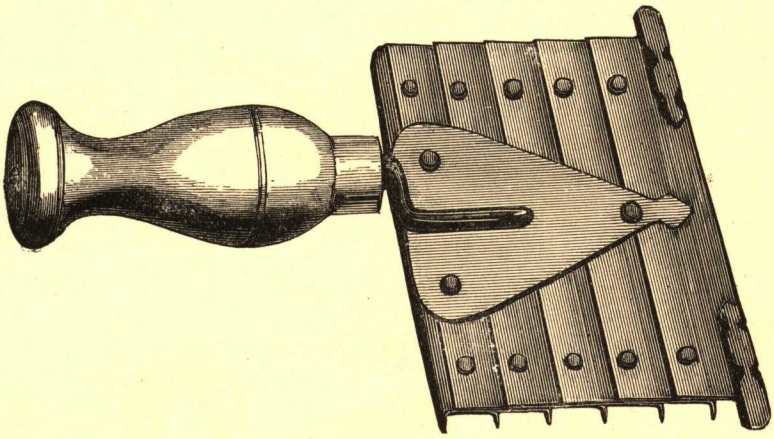


OPEN BACKS.

CLOSE BACKS.

No. 20.	6	Bars,	Iron, Jap'd,	per doz.,	1.65	No. 30.	6 Bars, Iron, Jap'd, per doz., 1.80
No 120.	6	"	Galvanized,	"	1.95	No. 130.	6 " Galvanized, " 2.20
No. 220.	6	"	Brass,	"	2.45	No. 31.	7 " Iron, " 2.45

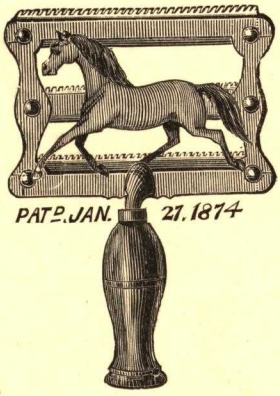
Curry Combs.—Continued.



No. 230.

BRISTOL'S PATENT CURRY COMBS.

No. 226.	5 Bars,	per doz.,	2.00
No. 228.	6 "	"	2.25
No. 230.	7 " Extra Heavy,	"	3.38
No. 232.	7 " " Ornamental Back,	"	4.12
No. 234.	8 " "	"	3.75
No. 236.	8 " " Ornamental Back,	"	4.50
No. 238.	8 " " Filed Back, Double Knockers,	"	4.50
No. 240.	Mane Comb, 2 Bars,	"	1.00



HORSE PATTERN CURRY COMBS.

FIGURE OF HORSE ON BACK OF EACH COMB.

OPEN BACK.		CLOSE BACK.	
No. 20.	6 Bars, Iron, heavy, per doz. 2.10	No. 25.	6 Bars, Iron, heavy, per doz. 2.35
No. 21.	6 " Tin, " " 2.70	No. 26.	6 " Tin, " " 2.90
No. 22.	6 " Brass, " " 3.65	No. 27.	6 " Brass, " " 3.20

COMMON CURRY COMBS.

OPEN BACK.				CLOSE BACK.			
No. 40.	6 Bars,	Iron, per doz.,	1.50	No. 45.	6 Bars,	Iron, per doz.,	1.75
No. 41.	6 "	Tin, "	1.80	No. 46.	6 "	Tin, "	2.10
No. 42.	6 "	Brass, "	2.40	No. 47.	6 "	Brass, "	2.50
No. 50.	8 "	Iron, "	2.10	No. 55.	8 "	Iron, "	2.30
No. 52.	8 "	Brass, "	3.25	No. 57.	8 "	Brass, "	3.85

Horse Cards.

No. 2. Large.		No. 4. Small.	
Per doz.,	.80	Per doz.,	.65

Horse Brushes.

A Large Assortment in Wood and Leather Backs.

Stair Rods.

COMMON OVAL.

WIDTH.	LENGTH.															
	21	22	24	26	27	28	30	31	32	33	34	35	36	37	38	40
$\frac{5}{8}$ Inch,	105	110	120	130	135	140	155									
$\frac{3}{4}$ "	110	120	130	150	155	160	175									
$\frac{7}{8}$ "	155	160	175	190	195	200	220	230	235	245	255	260	270	280	285	305
1 "	-	-	200	220	230	240	260	275	285	295	305	315	325	335	345	365

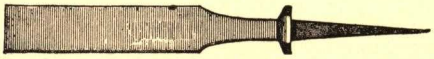
OVAL, HOLLOW.

WIDTH.	LENGTH.															
	21	22	24	26	27	28	30	31	32	33	34	35	36	37	38	40
$\frac{5}{8}$ Inch,	240	250	275	300	310	325	350	365	375	395	405	420	435	445	460	490
$\frac{3}{4}$ "	270	285	310	340	355	365	395	410	425	440	460	475	490	500	520	550
$\frac{7}{8}$ "	-	-	350	375	390	405	435	455	475	490	505	525	540	560	575	610
1 "	-	-	420	455	470	490	525	540	565	585	610	630	650	675	690	735

STAIR ROD FASTENINGS.

	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Buttons, per gross,	1.50	1.75	2.00	2.25
Loops, "	1.50	1.75	2.00	2.25
Bands, "	1.75	1.75	2.00	2.00

Cast Steel Chisels and Gouges.



FIRMER CHISELS AND GOUGES.

Inch,	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8
Chisels, per doz.,	1.59	1.68	1.78	1.96	2.07	2.25	2.44	2.80
Gouges, "	1.97	2.06	2.16	2.34	2.44	2.63	2.91	3.28

Inch,	1	1 1/8	1 1/4	1 3/8	1 1/2	1 3/4	2
Chisels, per doz.,	3.00	3.75	4.13	4.50	5.07	6.18	7.50
Gouges, "	3.47	4.31	4.88	5.25	6.00	7.32	9.00

Chisels in sets of 9, 1/8 to 2 In., per set, 2.63
" " 12, 1/8 to 2 In., " 3.50

Gouges in sets of 9, 1/8 to 2 In., per set, 3.10
" " 12, 1/8 to 2 In., " 4.13

PARING CHISELS AND GOUGES.

Inch,	1/4	5/16	3/8	1/2	5/8	3/4	7/8
Chisels, per doz.,	2.80	2.91	2.91	3.20	3.55	4.05	4.31
Gouges, "	4.68		4.78	5.07	5.43	5.91	6.18

Inch,	1	1 1/8	1 1/4	1 1/2	1 3/4	2
Chisels, per doz.,	5.25	6.00	7.13	8.63	10.13	12.56
Gouges, "	7.13		9.38	10.88	13.13	15.56

Chisels in sets of 9, 1/8 to 2 In., per set, 4.32
" " 12, 1/8 to 2 In., " 5.82

Gouges in sets of 9, 1/8 to 2 In., per set, 6.38
" " 12, 1/8 to 2 In., " 8.07

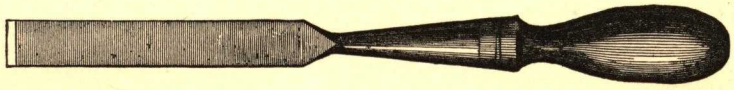
TURNING CHISELS AND GOUGES.

Inch,	1 1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Chisels, per doz.,	2.25	2.43	2.72	3.00	3.38	3.75	4.32	5.43	6.95	8.45	9.93
Gouges, "	2.91	3.28	3.66	3.94	4.59	5.25	5.91	7.67	10.04	11.81	14.45

HANDLED FIRMER CHISELS, SHARPENED.

Inch,	1/4	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	2
Per doz.,	2.94	3.22	3.50	3.75	3.90	4.58	5 85	6.94	9.45

BUCK'S SOCKET FIRMER CHISELS AND GOUGES.



Inch,	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
No. 1, per doz.,	3.90	4.13	4.50	4.88	5.48	5.78	6.15	6.83	7.50	8.25	9.30
Extra long and strong, per doz.,	4.28	4.58	5.08	5.40	6.00	6.38	6.75	7.50	8.25	9.00	10.13

In sets of 8, 1 1/2 to 2 Inch, No. 1, - 4.05
" " 12, 1/8 to 2 Inch, " - 5.40

Extra long and strong, per set, - 4.50
" " " " 6.00

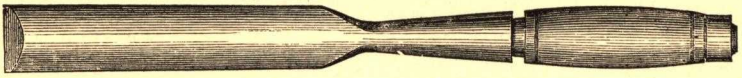
SOCKET FIRMER GOUGES.

In sets of 8, 1/4 to 2 Inch, per set, No.1, 4.95
" " 12, 1/8 to 2 Inch, " " 6.00

Extra long and strong, - - - - 5.75
" " " " - 7.83

Cast Steel Chisels and Gouges.—Continued.

SOCKET FRAMING CHISELS.



Inch,	¼	⅜	½	⅝	¾	1	1¼	1½	1¾	2
Per doz.,	12.00	12.00	12.00	13.00	14.00	16.00	18.00	20.00	22.00	24.00

SOCKET CORNER CHISELS.

Inch,	¾	⅞	1	1⅛	1¼	1½
Per doz.,	28.00	30.00	32.00	34.00	36.00	40.00

CARPENTERS' SLICKS.

Inch,	2½	3	3¼	3½	3¾	4
Per doz.,	40.00	44.00	48.00	52.00	56.00	60.00

WITHERBY'S SOCKET FIRMER CHISELS.

Inch,	⅛	¼	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	2
Per doz.,	8.00	8.00	8.00	9.00	10.00	11.00	11.00	12.00	13.00	14.00	15.00	16.00

In sets of 12, ⅛ to 2 Inches, per set, - - - - - - - - - - - - 11.25

Drawing Knives.

Inch,	6	7	8	9	10	11	12	13	14
Per doz.,	16.00	17.00	18.00	19.00	20.00	21.00	22.00	24.00	25.00

CARRIAGE MAKERS'—NARROW BLADE.

Inch,	6	7	8	9	10	11	12
Per doz.,	18.00	19 00	20.00	21.00	22.00	23.50	26.00

ADJUSTABLE HANDLE.

CARPENTERS' CONCAVE BLADE.

Inch,	8	9	10	11	12
Per doz.,	12.00	13.50	15.00	16.50	18.00

COACH MAKERS'—BEVELED ON BOTH SIDES.

Inch,	8	9	10	11	12
Per doz.,	12.50	14.00	15.50	17.00	18.50

Augers.

CAST STEEL CUT.

Inch,	½	⅝	¾	⅞	1	1⅛	1¼	1⅓
Per doz.,	5.00	6.00	7.50	8.00	8.50	10.00	10.00	12.00
Inch,	1¾	2	2¼	2½	3	3½	4	
Per doz.,	14.00	17.00	20.00	25.00	36.00	45.00	60.00	

Augers.—Continued.

SNELL'S.

Inch - -	½	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½	2
Per doz., -	5.00	6.00	7.00	7.50	8.00	9.00	10.00	12.00	14.00	16.00

COOK'S PATENT.

Inch, - - -	½	⅝	¾	⅞	1	1¼	1½	1¾	2
Per doz., - -	7.50	9.00	11.00	12.75	14.75	18 00	21.50	24.00	28.50

SHIP AUGERS.

Eighths, - -	4	4½	5	5½	6	6½	7	7½	
Per doz., - -	7.50	9.00	9.00	10.50	10.50	12.00	12.00	13.50	
Eighths, - -	8	8½	9	9½	10	10½	11	11½	12
Per doz., - -	13.50	15.00	15.00	16.50	16.50	18.00	18.00	21.00	21.00

Auger Bits.

SHIP.

3, 3½, 4-8, - - - per doz., 6.00 4½, 5-8, - - - - - per doz., 7.50

CAST STEEL AUGER BITS.

Size, -	3	4	5	6	7	8	9	10	11	12	13	14	15	16-16
Per doz.,	3.50	3.00	3.00	3.25	3.25	3.50	3.50	4.00	4.25	4.50	4.75	5.00	5.50	6.00

ASSORTED IN SETS.

24 quarters (1 each of 4, 5, 7, 9, 11, 12, and 2 of 6, 8 and $\frac{10}{16}$,) - - per set, 3.50
32½ " (1 each, size from 4 to $\frac{16}{16}$, inclusive), - - - - - " 4.50
Dowel Bits, 4 and $\frac{5}{16}$, - per doz., 2.00 6 and $\frac{8}{16}$, - - - - per doz., 2.50

GRISWOLD'S DIAMOND POINT AUGER BITS.

Sizes, -	3	4	5	6	7	8	9	10	11	12	13	14	15	16-16
Per doz.,	3.50	3.00	3.00	3.24	3.78	4.08	4.58	4.80	5.28	5.76	6.24	6.72	7.20	7.68

Assorted, 24 quarters, per set, - 4.12 32 ½ quarters, per set, - - - 5.40

COOK'S AUGER BITS.

Size, -	4	5	6	7	8	9	10	11	12	13	14	15	16-16
Per doz.,	4.25	4.50	5.00	5.75	6.00	6.75	7 25	8.00	8.75	9.50	10.25	11.00	11.75

Assorted, 24 quarters, per set, - 6.75 32 ½ quarters, per set, - - - 8.25

JENNINGS' AUGER BITS.

Size, - - -	4	5	6	7	8	9	10	11	12	13	14	15	16-16
Per doz., - -	3.20	3.60	4.00	4.60	5.00	5.40	5.80	6.40	7.00	7.60	8.20	8.80	9.40

Assorted, 24 quarters, per set, - 5.40 32 ½ quarters, per set. - - - 6.60

ANDREWS' ROUND LIP AUGER BITS.

Same List as Jennings'.

Auger Bits.—Continued.

SNELL'S AUGER BITS.

Size,	3	4	5	6	7	8	9	10	11	12	13	14	15	16-16
Per doz.,	3.50	3.00	3.00	3.25	3.25	3.50	3.50	4.00	4.25	4.50	4.75	5.00	5.50	6.00

Assorted, 24 quarters, per set, - 3.50 32½ quarters, per set, - - - - 4.50

Snell's Dowel Bits, - - - - - - - - - - - - - per doz., 2.75

SNELL'S CAR BITS.

9 INCH TWIST.

Size,	4	5	6	7	8	9	10	11	12-16
Per doz.,	4.00	4.00	4.68	5.46	6.24	7.02	7.80	8.58	8.64

Size,	13	14	15	16	17-16
Per doz.,	9.36	10.08	10.80	11.52	12.24

12 INCH TWIST.

Size,	4	5	6	7	8	9	10	11-16
Per doz.,	4.20	4.20	5.04	5.88	6.72	7.56	8.40	9.24

Size,	12	13	14	15	16	17-16
Per doz.,	9.36	10.14	10.92	11.70	12.48	13.26

CLARK'S EXPANSIVE BITS.

Small, cutting from ½ to 1½ Inch, - - - - - - - - - per doz., 18.00
Large, " " ⅞ to 3 " - - - - - - - - - - " 26 00

GIMLET BITS.

Assorted, with Screw, - 7.50 per gross. Without Screw, - - 9.00 per gross.

MORSE'S BIT STOCK DRILLS.

FOR BORING WOOD OR IRON.

Inch,	1/16	3/32	1/8	5/32	3/16	7/32	1/4	9/32	5/16
Per doz.,	1.75	2.00	2.50	3.00	3.50	4.25	5.00	5.75	6.50
Each,	.15	.20	.25	.30	.35	.40	.45	.50	.60

Inch,	11/32	3/8	13/32	7/16	15/32	1/2
Per doz.,	7.50	8.50	9.50	10.75	12.00	13.25
Each,	.65	.75	.85	.95	1.05	1.15

Sets 9 Drills, 1/16 to ⅜, all sizes inclusive but 9/32, - - - - - - per set, 3.10

HARTWELL'S DOUBLE CUT GIMLET BITS.

Nos.	0	1	2	3	4	5	6 assorted.
Per doz.,	1.00	1.10	1.22	1.34	1 46	1.58	1.70 1.40

GERMAN PATTERN GIMLET BITS.

2, 3, 4, 5, 6, 7, 8, 10, 12/32, - - - - - - - - - - - - - per doz., 1.00

German Bits.

Centre Bits,	¼ to 2/4	⅞	1	1¼	1⅜	1½	1⅝	1¾	1⅞	2
Per doz.,										

	Lip Bits.	Spoon Bits.	Gouge Bits.
Per doz.,			
Countersinks,	Flat.	Rose Head.	Snail Head.
Per doz.,			
Reamers,	Square.	Half Round.	Octagon. Taper.
Per doz.,			
Screw Driver Bits,		Plain.	Slotted.
Per doz.,			

Also a Stock of above Bits of Superior English Manufacture.

Wheeler's Patent Countersinks, Per doz. 4.00 With Gauge, - - - - - Per doz. 5.00

Gimlets.

Metal Head, assorted, No. 1, - - Per gross. 4.00 Assorted, extra, - - - - - - Per gross. 4.50

Wood Head, Double Cut, Nos.	1	2	3	4	assorted.
Per gross,					

Spike Gimlets, Metal Head, assorted, Nos.	1	2	3
Per gross,	8.00	9.00	10.00

Hollow Augers.

NEW PATTERN, WITH CUTTER ON FACE.

Inch,	⅜	7/16	½	9/16	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½
Per doz.,	12.00	12.00	12.00	14.00	14.00	14.00	16.00	16.00	20.00	20.00	24.00	24.00

OLD PATTERN, WITH SLIDE CUTTERS.

Same List as New Pattern.

Stearns' Adjustable Hollow Augers, - - - - - - - - per doz., 48.00

Spoke Trimmers, - - - - - - - - - - - - - - - - " 9.00

CARRIAGE MAKERS' PLUG CUTTERS.

Inch, - - - - - - - - - - - -	⅜	7/16	½	9/16	⅝ 3.00 per doz.

BUNG BORERS, WITH RINGS.

Inch, - - - - - - - - - - - -	1¼	1½	1¾	2	2¼	2½
Per doz., - - - - - - - - - - - -	6.00	7.00	8.00	10.00	12.00	16.00

Enterprise Bung Borers, Nos. - - - - - - - - - - - -	1	2	3
Each, -	1.50	2.00	3.00

Boring Machines.

	Upright.	Angular.	Snell's Upright.	Angular
Each,	4.00	5.00	4.75	6.25

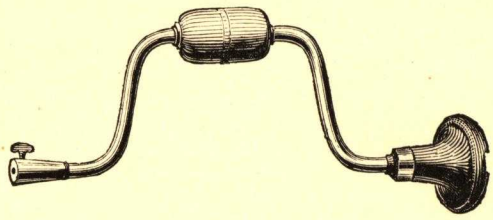
BORING MACHINE AUGERS.

Inch,	½	⅝	¾	⅞	1	1¼	1½	1¾	2
Per doz.,	5.00	6.00	7.00	8.00	9.00	11.00	13.00	16.00	18.00

In Sets of 18 quarters, 1 each, 1, 1¼, 2.

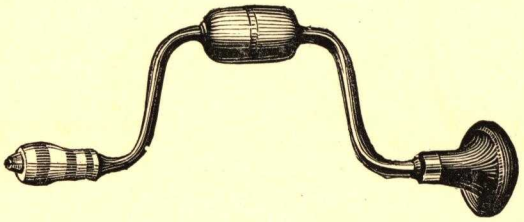
	Cast Steel.	Snell's.	Cook's.
Per set,	3.50	3.50	5.50

Braces.



WOOD HEAD BALL BRACES.

Nos.	20	25	30	(3 all Iron.)
Sweep, Inch,	6½	8½	10	9
Per doz.,	2.75	3.50	4.50	3.00

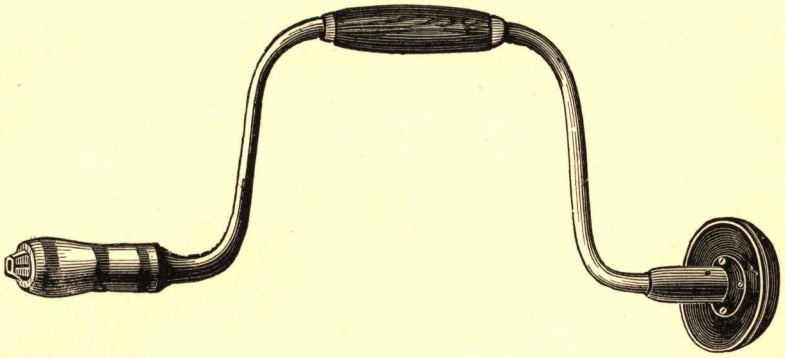


PATENT ADJUSTABLE BALL BRACES.

Nos.	117	118	119
Sweep, Inch,	8	9½	10½
Per doz.,	12.00	13.00	14.00

Braces.—Continued.

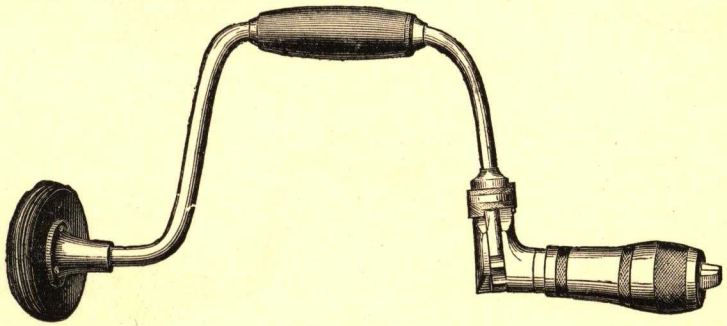
BARBER'S PATENT BRACES.



WROUGHT IRON, WOOD HEAD AND HANDLE, STEEL JAWS.

Nos.	10	11	12	13	14
Sweep, Inch,	7	6	5	4	3
Per doz.,	33.00	30.00	27.00	24.00	21.00

BARBER'S RATCHET BRACES.

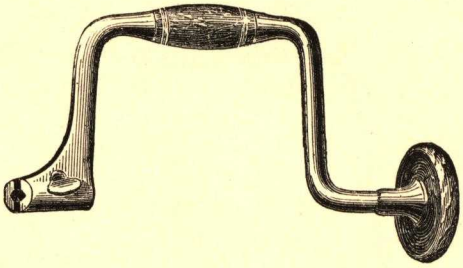


Same as Barber's Patent Brace with Ratchet Attachment.

Nos.	31	32	33
Sweep, Inch,	6	5	4
Per doz.,	39.00	36.00	33.00

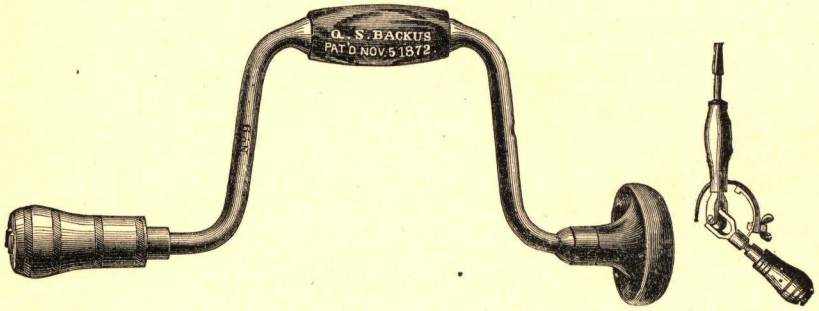
Braces.—Continued.

SPOFFORD'S PATENT BRACES.



Sweep, Inch.	7	8	10	12
Iron Head and Handle, Nos.	7	8	10	12
Per doz.,	18.00	21.00	24.00	28.00
Wood Head and Handle, Nos.	107	108	110	112
Per doz.,	21.00	24.00	27.00	33.00

BUCKUS' PATENT BRACES AND ANGULAR BORERS.



Nos.	8	10	12	ANGULAR BORERS.
Sweep, Inch,	8	10	12	
Per doz.,	24.00	27.00	30.00	24.00 per doz.

Hammers.

MAYDOLE'S CAST STEEL HAMMERS.

ADZE EYE HAMMERS.

Nos.	1	1½	2	3
Weight,	1 lb. 4 oz.	1 lb.	13 oz.	7½ oz.
Per doz.,	11.25	10.00	8.50	6.50

ADZE EYE BELL FACE HAMMERS.

Nos.	1	1½	2	3
Weight,	1 lb. 3 oz.	1lb.	12 oz.	7 oz.
Per doz.,	12.00	11.00	9.50	7.25

Hammers.—Continued.

JOINERS' HAMMERS.

Nos.	0 (Box.)	1	1½	2	3 (Brad.)
Weight.	1 lb. 8 oz.	1 lb. 2 oz.	15 oz.	12 oz.	7 oz.
Per doz.,	9.50	8.00	6.75	5.50	4.00

FARRIERS' HAMMERS.

	Plain.	Adze Eye, No. 1.	Adze Eye, No. 2.
Weight,	6 oz.	10 oz.	7 oz.
Per doz.,	4.00	8.00	6.50

RIVETING HAMMERS.

Nos.	0	1	2	3	4
Weight,	1 lb. 8 oz.	1 lb. 2 oz.	12 oz.	7 oz.	4½ oz.
Per doz.,	9.00	7.00	5.50	4.00	3.00

ENGINEERS' HAMMERS—RIVETING PEIN.

No. 1. Weight, 2 lbs. 4 oz., per doz., 13.00 No. 2. Weight, 1 lb. 12 oz., per doz., 11.00

BLACKSMITHS' HAND HAMMERS.

No. 1.	Weight, 3 pounds,	per doz.,	17.00
No. 2.	" 2 " 10 ounces,	"	15.00
No. 1.	Shoulder Pein, weight, 2 pounds, 14 ounces,	"	17 00

ENGINEERS' HAMMERS—BALL PEIN.

No. 1.	Weight, 2 pounds,	per doz.,	16.00
No. 2.	" 1 " 9 ounces,	"	14.00
No. 3.	" 1 " 2 "	"	11.50

MACHINISTS' CHIPPING HAMMERS.

Nos.	0	1	2	3
Weight,	1 lb. 12 oz.	1 lb. 6 oz.	1 lb. 2 oz.	12 oz.
Per doz.,	16.00	14.50	13.00	11.50

MACHINISTS' BALL PEIN HAMMERS.

Nos.	00	0	1	2	3	4	5	6	7
Weight,	3 lbs.	2 lbs. 4 oz.	1 lb. 14 oz.	1 lb. 8 oz.	1 lb. 4 oz.	1 lb.	12 oz.	10 oz.	7 oz.
Per doz.,	22.00	19.00	16.00	14.50	13.00	11.50	10.00	8.50	7.00

CARRIAGE IRONERS' HAMMERS.

Nos.	1.	2
Weight,	2 lbs, 12 oz.	2 lbs. 6 oz.
Per doz.,	20.00	18.00

BOILERMAKERS' RIVETING HAMMERS.

Weight, 2 lbs. 6 oz.
22.00

Weight of above Hammers does not include Handles.

CHENEY'S HAMMERS.

CAST STEEL ADZE EYE.

Nos.	7	5
Size,	1 In.	1⅛ in sq.
Per doz.,	10.00	11.50

STEEL FACE AND CLAW, MALLEABLE EYE.

Nos.	32	31	30
Size,	1 In.	11-16	1⅛
Per doz.,	7.00	7.50	8.25

Hammers.—Continued.

STEEL FACE AND CLAW.

			MALL. IRON BRAD.
Nos.	23	6	25
Size,	1 In.	1⅛ In. sq.	⅝ In sq.
Per doz.,	3.50	5.00	2.50

CAST IRON ADZE EYE NAIL HAMMERS.

	No. 1. All Polished.	No. 10. Malleable, Extra Steel Finish.
Per doz.,	1.50	3.25

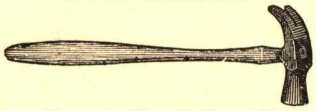
STEEL FACE SHOE HAMMERS.

Nos.	00	0	1	2	3	4
Per doz.,	3.00	3.00	3.25	3.50	3.75	4.00

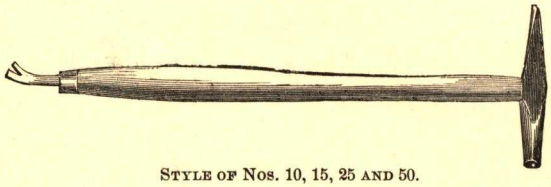
CAST SHOE HAMMERS.

	Per doz.		Per doz.
No. 1. Japanned Polished Face,	1.00	No. 2. Half Polished, large,	1.25

TACK HAMMERS.



STYLE OF NOS. 45, 46 AND 47.



STYLE OF NOS. 10, 15, 25 AND 50.

Nos.	10	15	25	45	46	47	50 Extra Cast Steel.
Per doz.,	1.00	1.50	1.25	.60	.75	.85	3.00

TACK CLAWS.

No. 1. Polished Iron, per doz., - 1.00 No. 2. Polished Cast Steel, per doz., 2.00

Carpet Stretchers, - - - - - - - - - - - - - - - per doz., 1.40

BLACKSMITHS' AND MASONS' HAMMERS.

DOUBLE FACED DRILL OR STRIKING HAMMERS.

Solid Cast Steel, Full Polished.

3½ to 6 pounds, per pound, - - .45
6 to 10 " " - - .40

Steel Faced.

3½ to 6 pounds, per pound, - - .35
6 to 10 " " - - .30

BLACKSMITHS' HAND HAMMERS.

Solid Cast Steel, Full Polished.

3 to 6 pounds, per pound, - - .45

Steel Face and Pein.

3 to 6 pounds, per pound, - - .35

DOUBLE FACED STONE MAULS.

Solid Steel, Full Polished.

6 to 10 pounds, per pound, - - .40
10 to 20 " " - - .38

Steel Faced.

6 to 10 pounds, per pound, - - .30
10 to 20 " " - - .28

STONE AND BLACKSMITHS' SLEDGES.

Solid Cast Steel, Full Polished.

6 to 10 pounds, per pound, - - .40
10 to 20 " " - - .38

Steel Face and Pein.

6 to 10 pounds, per pound, - - .30
10 to 20 " " - - .28

STONE MASONS' HAMMERS.

Solid Steel, Full Polish.		*Steel Face and Pein.*	
3 to 6 pounds, per pound,	.45	3 to 6 pounds, per pound,	.35
6 to 10 " "	.40	6 to 10 " "	.30
10 to 20 " "	.38	10 to 20 " "	.28

Stone Hammers and Sledges—Pein runs with Eye.

Steak Hammers,	Japanned.	Plated.
Per doz.,	2.75	4.00

Hatchets.

SHINGLING HATCHETS.

Nos.	1	2	3
Cut, Inches,	3½	3¾	4
Per doz.,	8.00	8.50	9.00

CLAW HATCHETS.

Nos.	1	2	3
Cut, Inches,	3½	3¾	4
Per doz.,	9.00	9.50	10.00

BROAD HATCHETS.

Nos.	1	2	3	4	5	6	7	8
Cut, Inches,	3½	4	4¾	5½	6	6½	7	7¾
Per doz.,	9.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00

LATH HATCHETS.

Nos.	1	2	3	Full Polished.	Full Polished, Solid Steel.
Per doz.,	8.00	8.50	9.00	9.50	11.00

Hunters' Hatchets,	Per doz.,	8.50
Half Axes,	"	12.00
Boys' "	"	13.00

Broad Axes.

New York Pattern, Western Pattern,	Per doz.,	32.00
Ship Carpenters',	"	30.00

Adzes.

	Carpenters'.	Gutter.	Railroad.	Ship Carpenters'.
Per doz.,	23.00	25.00	25.00	23.00

	Coopers' Handled.	Light.	Heavy.
Per doz.,		25.00	27.00

Axes.

Light,	3 to 4	3¼ to 4¼	3½ to 4½ pounds.
Heavy,	3¾ to 4¾	4 to 5	4½ to 5½ "

	LIGHT.	HEAVY.
M. E. Viele's,	per doz.	
Knickerbocker,	"	
Collins',	"	
Simmons',	"	
Simmons' Patent,	"	
Hunt's,	"	
Underhill,	"	

Railroad Picks.

Weight,	4½ to 5½	5 to 6	5½ to 6½	6 to 7 pounds.
Simmons', per doz.,	15.00	15.50	16.00	16.50
Powell's, "				
Powell's Black Picks,				per doz., less.

Screw Drivers.

NO. 1. BEST FORGED CAST STEEL BLADES.

Inch,	1½	2	3	4	5	6	7	8	10	12
Per doz.,	1.55	2.20	2.50	3.15	3.75	4.40	5.50	6.50	8.50	10 50

NO. 2. CAST STEEL.

Inch,	1½	2	3	4	5	6	7	8	10	12
Per doz.,	1.25	1.75	2.00	2.50	3.00	3.50	4.25	5.00	6.50	8.00
Sewing Machine,								per doz.,		1.00

Boxwood Rules.

ONE FOOT, FOUR FOLD, 5-8 IN. WIDE.

No. 69.	Round Joint,	Middle	Plates,	8ths and 16ths of	Inches,	per doz.,	-	3.00
No. 65.	Square "	"	"	"	"	"	-	3.50
No. 64.	" "	Edge	"	"	"	"	-	5.00
No. 55.	Arch "	Middle	"	"	"	"	-	4.00
No. 56.	" "	Edge	"	"	"	"	-	6.00
No. 65½.	Square "	Bound	"	"	"	"	-	11.00
No. 57.	Arch "	"	"	"	"	"	-	12.00

TWO FEET, FOUR FOLD, 1 IN. WIDE.

No. 68.	Round Joint,	Middle	Plates,	8ths and 16ths of	Inches,	per doz.,	-	4.00
No. 61.	Square "	"	"	"	"	"	-	5.00
No. 63.	" "	Edge	"	8ths, 10ths and 16ths,		"	-	7.00
No. 51.	Arch "	Middle	"	"	"	"	-	6.00
No. 53.	" "	Edge	"	"	"	draft scale, per doz.,		8.00
No. 84.	Square "	Half Bound,		"	"	"	"	12.00
No. 62.	" "	Full	"	"	"	"	"	15.00
No. 52.	Arch "	Half	"	"	"	"	"	13.00
No. 54.	" "	Full	"	"	"	"	"	16.00

Boxwood Rules.—Continued.

TWO FEET, FOUR FOLD, 3-4 IN. WIDE.

No. 61½. Square Joint, Middle Plates, 8ths and 16ths of Inches, per doz., - 5.50
No. 63½. " " Edge " 8ths, 10ths and 16ths, " - 8.00
No. 62½. " " Full Bound, 8ths. 10ths, 12ths and 16th, " - 15.00

TWO FEET, SIX FOLD, 3-4 IN. WIDE.

No. 58. Arch Joint, Edge Plates, 8ths and 16ths of Inches, - - per doz., 5.00

TWO FEET, FOUR FOLD, 1 3-8 IN. WIDE.

No. 67. Round Joint, Middle Plates, 8ths and 16ths of Inches, per doz., - 5.00
No. 70. Square " " draft scale, " - 7.00
No. 72. " " Edge " 8ths, 10ths and 16ths, draft scale, per doz. 9.00
No. 75. Arch " " " " " " " " 11.00
No. 77. Double Arch Joint, Edge Plates, " " " " " 12.00
No. 72½. Square Joint, Full Bound, - - - - - - - " " 18.00
No. 76. Arch " " - - - - - - - " " 20.00

BOARD MEASURE, TWO FEET, FOUR FOLD, 1 3-8 IN. WIDE.

No. 79. Square Joint, Edge Plates, 12ths and 16ths of Inches, draft scale, per doz. 11.00
No. 81. Arch " " - - - - - - - - - - - - " 13.00
No. 82. " " " - - - - - - - - - - - - " 22.00

TWO FEET, TWO FOLD, 1 3-8 IN. WIDE.

No. 29. Round Joints, 8ths and 16ths of Inches, - - - - - per doz., 3.50

TWO FEET, TWO FOLD, 1 1-2 IN. WIDE.

No. 18. Square Joint, 8ths and 16ths of Inches, - - - - - - per doz., 5.00
No. 1. Arch " " " octagonal scale, " 7.00
No. 2. " " Bitted, 8ths, 10ths and 16ths, " " 8.00
No. 22. Square " " Board Measure, 10ths and 16ths, " 8.00
No. 4. Arch " " Extra Thin, 8ths and 16ths of Inches, drafting and octagonal scale, - - - - - - - - - - - - - 10.00
No. 5. Arch Joint, Bound, 8ths, 10ths and 16ths of Inches, drafting and octagonal scale, - - - - - - - - - - - - per doz., 16.00

TWO FEET, TWO FOLD, SLIDE, 1 1-2 IN. WIDE.

No. 26. Square Joint, Slide, 8ths, 10ths and 16ths, octagonal scale, per doz., 9.00
No. 27. " " Bitted, Gunter's Slide, 8ths, 10ths, 16ths of Inches, 100ths of a foot, drafting and octagonal scale. - - per doz., 12.00
No. 12. Same as No. 27, Bound, - - - - - - - - - " 14.00

THREE FEET, FOUR FOLD, 1 IN. WIDE.

No. 66. Arch Joint, Middle Plates, 16ths Inches and 8ths of Yard, per doz., 8.00
No. 66½. " " " 8ths and 16ths of Inches, - " 8.00

CALIPER RULES.

No. 36.	Square Joint, 2 Fold, 6 In., 8ths, 10ths, 16ths In., ⅞ In. wide, per doz.,	7.00
No. 34.	Arch " 4 " 12 " " 12ths and 16ths Inches, 1 In. wide, - - - - - - - - - - - - - - - - per doz.,	12.00

SHIP CARPENTERS' BEVELS.

No. 42.	Double Tongue, 8ths and 16ths Inches, - - - - - per doz.,	6.00
No. 43.	Single " " " " - - - - - "	6.00

Ivory Rules.

ONE FOOT, FOUR FOLD, 5-8 WIDE.

No. 90.	Round Joint, Brass Middle Plates, 8ths and 16ths of Inches, per doz.,	10.00
No. 92½.	Square " German Silver Middle Plates, 8ths and 16ths, "	14.00
No. 92.	" " " " Edge " " " " "	17.60
No. 88½.	Arch " " " " " " " " "	21.00
No. 88.	" " " " Board " " " " "	32.00
No. 91.	Square " " " Edge " 8ths, 10ths, 12ths, 16ths Inches, ¾ Inch wide, - - - - - - - - - - - - - - -	23.00

TWO FEET, FOUR FOLD.

No. 85.	Square Joint, German Silver Edge Plates, 8ths, 10ths, 12ths and 16ths Inch, ⅞ Inch wide, - - - - - - - - - per doz.,	54.00
No. 86.	Arch Joint, German Silver Edge Plates, 8ths, 10ths and 16ths of Inch, 100ths of foot, draft scale, 1 Inch wide, - - - - per doz.,	64.00
No. 77.	Arch Joint, German Silver Bound, 8ths, 10ths, and 16ths Inch, draft scale, 1 Inch wide, - - - - - - - - - - per doz.,	80.00
No. 95.	Arch Joint, German Silver Bound, 8ths, 10ths and 16ths Inch, draft scale, 1⅛ Inch wide, - - - - - - - - - per doz.,	102.00

IVORY CALIPER RULES.

No. 38.	Square Joint, German Silver, Two Fold, 6 In., 8ths, 16ths, per doz.,	15.00
No. 39.	" " " Edge Plates, Four Fold, 12 Inch., 8ths 10ths, 12ths and 16ths Inch, - - - - - - - - per doz.,	38.00
No. 40.	Square Joint, German Silver Bound, Four Fold, 12 Inch, 8ths and 16ths Inch, - - - - - - - - - - - - - - - - per doz.,	44.00

MISCELLANEOUS RULES.

No. 33.	Polished Yard Sticks, - - - - - - - - - - per doz.,	2.00
No. 41.	" " Brass Tips, - - - - - - "	3.50
No. 50.	" Hickory, Brass Capped Ends, - - - - - "	4.50
No. 34.	Flat Bench Rules, " Tips, 2 Feet, - - - - - "	3.00
No. 35.	" " " Tips, Board Measure, - - - - "	6.00
No. 48.	Hickory Cane Board Rules, Octagon, 3 feet, - - - - "	12.00
No. 48½.	" " Log " " 3 feet, - - - - "	15.00
No. 46.	Octagon Board Rules, Brass Head, 2 feet, - - - - "	8.00
No. 43½.	Flat Hickory Board Rules, Brass Head, 3 feet, - - - "	12.00
No. 49.	" " " Extra Steel Head, 3 feet, - "	26.00
No. 44.	Wantage Rods, 8 lines, - - - - - - - - - - "	5.00
No. 37.	" " 12 " - - - - - - - - - - "	7.00
No. 45.	Gauging " 120 Gallons, 3 feet, - - - - - - "	7.00
No. 45½.	" " Wantage Tables, 4 feet, - - - - - "	18.00

STEARN'S SHRINKAGE RULES.

No. 81. Boxwood, Pattern Makers' Shrinkage Rules, 24½ Inch, per doz., 15.00
No. 82. " " " " " Edge Plates, 24½
Inches, - - - - - - - - - - - - per doz., 18.00

Measuring Tapes.

COMMON PATENT LEATHER CASE—1-2 INCH COTTON TAPE.

Nos.	40	41	42	43	45	46	48
Feet,	25	30	40	50	66	75	100
Per doz.,	4.75	5.00	5.75	6.25	7.25	8.75	10.75

MEDIUM PATENT LEATHER—1-2 INCH HOLLAND TAPE.

Nos.	50	51	52	53	55	56	58
Feet,	25	30	40	50	66	75	100
Per doz.,	5.00	5.50	7.00	8.00	9.00	10.00	12.50

SURVEYORS' ROUND EDGE BENT LEATHER CASE.

HEAVY CORDED TAPE.

Nos.	120	121	122	123
Feet,	50	66	75	100
Per doz.,	16.00	17.00	18.00	20.00

ASSES' SKIN, BRASS BOUND CASE.

1-2 INCH BEST COTTON TAPE.

Nos.	90	91	92	93	94	95	97
Feet,	25	30	40	50	66	75	100
Per doz.,	4.75	5.00	5.75	6.25	7.25	8.75	10.75

PLATED SPRING TAPE MEASURES.

Feet,	3	5	6
Per doz.,	5.25	5.50	5.75

CHESTERMAN'S TAPE LINES.

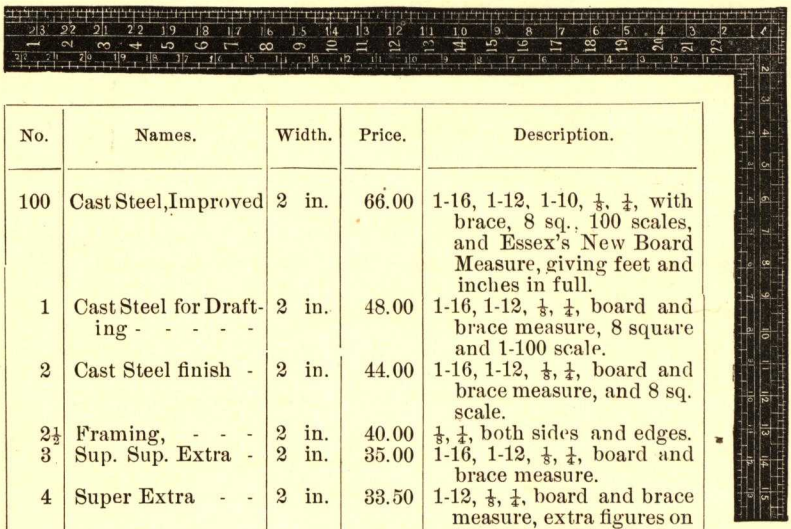
	25	40	50	66	75 feet each.
Bent Leather Case, Metallic Tapes, - -					
" " Steel " - -					"
German Silver Case, " " - -		3	5	6	12 "

Sliding T Bevels.

PLATED, WITH BRASS THUMB SCREWS.

Inch,	6	8	10	12	14
Per doz.,	5.50	6.00	6.50	7.00	7.50

Steel and Iron Squares.



No.	Names.	Width.	Price.	Description.
100	Cast Steel, Improved	2 in.	66.00	1-16, 1-12, 1-10, ⅛, ¼, with brace, 8 sq., 100 scales, and Essex's New Board Measure, giving feet and inches in full.
1	Cast Steel for Drafting - - - - -	2 in.	48.00	1-16, 1-12, ⅛, ¼, board and brace measure, 8 square and 1-100 scale.
2	Cast Steel finish -	2 in.	44.00	1-16, 1-12, ⅛, ¼, board and brace measure, and 8 sq. scale.
2½	Framing, - - -	2 in.	40.00	⅛, ¼, both sides and edges.
3	Sup. Sup. Extra -	2 in.	35.00	1-16, 1-12, ⅛, ¼, board and brace measure.
4	Super Extra - -	2 in.	33.50	1-12, ⅛, ¼, board and brace measure, extra figures on inner edge of body.
5	Extra - - - - -	2 in.	32.50	1-12, ⅛, ¼, board and brace measure.
6	A Brace - - - -	2 in.	31.00	⅛, ¼, board and brace measure.
7	B - - - - - -	2 in.	30.00	⅛, ¼, board measure.
8	Extra - - - - -	1½ in.	27.00	1-12, ⅛, ¼.
9	Plain - - - - -	1½ in.	25.50	⅛, ¼.
10	Extra, 1 foot - -	1½ in.	22.50	1-12, ⅛, ¼.
11	Plain, 1 foot - -	1½ in.	21.00	⅛, ¼.
12	Cast Steel, 1 foot -	1½ in.	30.00	1-16, 1-12, ⅛, ¼, and 100 scale.
15	Bridge Building -	3 in.	180.00	1-16, 1-12, ⅛, ¼, slot in centre, 1 Inch wide.
	EAGLE SQUARES.			
13	A Brace - - - -	2 in.	27.00	⅛, ¼, board and brace measure.
14	B - - - - - -	2 in.	25.50	⅛, ¼, board measure.
	IRON SQUARES.			
1	- - - - - - -	1½ in.	6.00	Marked on one side.
2	- - - - - - -	1½ in.	10.00	Marked on both sides.
4	- - - - - - -	2 in.	14.00	Marked on both sides.

Nickel Plated Steel Squares, Extra, - - - - - - - - per doz.,

Try Squares.

ROSEWOOD HANDLE, PLATED.

Inch, - - - - -	3	4½	6	7½	9	10	12	15	18
Per doz., - - - -	3.00	3.75	5.00	5.75	6.50	7.50	8.50	12.50	15.50

Handles.

CHISEL HANDLES.

No. 1.	Hickory, Firmer, assorted,	per gross,	4.50
No. 2.	" " " Large,	"	5.00
No. 3.	Apple " "	"	5.00
No. 4.	" " " Large,	"	5.50
No. 5.	" Socket Firmer, assorted,	"	5.00
No. 6.	Hickory " "	"	4.50
No. 7.	" " Framing "	"	5.00

FILE HANDLES.

No. 1. Soft Wood, - - - - 2.50 No. 2. Hard Wood, polished, - - 3.75

AWL HANDLES.

No. 1.	Brad, assorted,	per gross,	3.00
No. 2.	Peg, "	"	2.25
No. 3.	" " Polished Laurel,	"	2.75
No. 4.	Sewing, " Birch,	"	2.25
No. 5.	" " Polished Laurel,	"	2.75
No. 6.	Patent Peg, Steel Screw and Nut, Leather Top,	per doz.,	.90
No. 6½.	" Sewing " " "	"	2.75

Soldering Copper Handles, - - - - - - - - - - " .75

SAW HANDLES.

No. 1.	Hand, Cherry, Varnished Edges,	per doz.,	1.65
No. 2.	" Beech, " "	"	1.40
No. 3.	" " Plain "	"	1.20
No. 4.	Panel, " Varnished " for 16 to 20 Inch Jaws,	"	1.35
No. 5.	Meat Saw, Beech " "	"	1.35
No. 6.	Compass Saw, Beech, Varnished Edges,	"	1.25
No. 7.	Back " " " "	"	1.35

Plane Handles, - - - - - - - - - - Jack. Fore or Jointer.
Per doz., - - - - - - - - - - - - .42 .75

Auger Handles, - - - - - - - - - - Assorted. Assorted Large.
Per gross, - - - - - - - - - - - 5.50 6.50

Patent Auger Handles, - - - - - - - - - Appletree. Rosewood.
In sets of two, fitting any size, per set, - - - - - - 1.25 1.50

Hatchet Handles, Inch, - - - - 13 14 15 16 17 18 19
Per doz., - - - - - - - - - - .50 .50 .50 .62 .75 .75 .87

Carpenters' Hammer Handles, - - - - - - Round Eye. Adze Eye.
Per doz., - - - - - - - - - - - - - - .50 .50

Blacksmiths' Hammer Handles, Inch, - - - - - - 18 20 20
Per doz., - - - - - - - - - - - - - - - - - - 1.00 1.25 1.25

Machinists' Hammer Handles, - - - - - - - 15 16 18 20
Per doz., - - - - - - - - - - - - - - - - - - .75 .87 1.00 1.25

Sledge Handles, - - - - - - - - - - - - - - 24 30 36 In.
Per doz, - 1.25 1.50 1.75

Adze Handles, - - 32 Inch, 3.00 **Maul,** 36 Inch, 1.75 **Broad Axe,** 2.75

Pick Handles, - - - - - - - - - - - - No. B. 1 Extra.
1.75 2.00 3.50

AXE HANDLES.

34 OR 36 INCH.

Extra, all White.	No. 1.	No. 2
3.00	2.25	1.75

Boys' Axe Handles, - - - - - - - - - - - - - - - per doz., 1.75

Plumbs and Levels.

ALL FINELY POLISHED.

No. 102.	Levels, 2 Side Views, assorted, 12 to 16, - - -	per doz.,	9.00
" 103.	" " " 18 to 24, - - - - -	"	12.00
" 00.	Plumb and Level, Arch Top Plate, 2 Side Views, assorted, 18 to 24, - - - - - - - - - - - - - -	per doz.,	16.00
" 0.	Plumb and Level, Arch Top Plate, 2 Side Views, assorted, 24 to 30, - - - - - - - - - - - - - -	per doz.,	18.00
" 1½.	Plumb and Level, adjustable, 4 Brass Side Views, Mahogany, assorted, 18 to 24, - - - - - - - - - - -	per doz.,	16.50

PATENT ADJUSTABLE PLUMBS AND LEVELS.

ARCH TOP PLATE—ASSORTED—26 to 30 INCH.

No. 1.	Mahogany, assorted, 2 Side Views, - - - - - -	per doz.,	27.00
" 2.	Cherry, 2 Brass Lipped Side Views, - - - - - -	"	27.00
" 3.	" 2 Side Views, Brass Lipped Ends, - - -	"	32.00
" 4.	" 2 Brass Tipped Side Views, Brass Tipped Ends,	"	39.00
" 5.	" Triple Stock, 2 Ornamental Brass Side Views, Tipped Ends, - - - - - - - - - - - - -	per doz.,	48.00
" 6.	Mahogany, 2 Brass Lipped Side Views, - - - - -	"	33.00
" 9.	" 2 Ornamental Brass Side Views, Brass Tipped,	"	48.00
" 10.	" Triple Stock, 2 Ornamental Brass Side Views, Brass Tipped, - - - - - - - - - - - - -	per doz.,	60.00
" 25.	" Improved Double Adjusting Brass Side Views, Brass Tipped, - - - - - - - - - - -	per doz.,	54.00

POCKET LEVELS.

No. 40.	Iron, Japanned, - - - - - - - - - - - - -	per doz.,	2.50
" 41.	" " Brass Top Plate, - - - - - - -	"	3.00
" 37½.	Polished Iron, Extra Quality, - - - - - - - -	"	6.00

Mallets.

POLISHED HICKORY.

ROUND.					SQUARE.			
Nos.	1	2	3	4	Nos.	10	11	12
Size,	2¼×5	2½×5½	3½×6	4×6½	Size,	3¼×5½	3½×6	3¾×6½
Per doz.,	1.25	1.50	2.25	2.50	Per doz.,	2.00	2.50	3.00

Tinners' Hickory Mallets, - - - - - - - - - - - - - per doz., 1.00

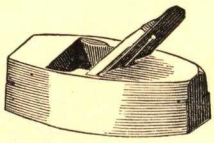
POLISHED LIGNUMVITÆ.

ROUND.				SQUARE.				
Nos.	5	6	7	Nos.	13	14	15	16
Size,	2¾×5½	3×6	3½×6½	Size,	3¼×5	3½×6	3¾×6½	7×4
Per doz.,	3.25	4.00	5.00	Per doz.,	3.50	3.75	4.75	5.75

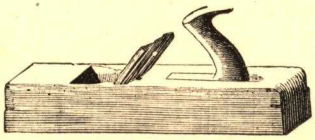
ROUND BOX MALLETS, WITH RINGS.

No. 8, with Heavy Iron Rings, - - - - - - - - - -	per doz.,	6.00
" 9, " Light " " - - - - - - - -	"	4.00

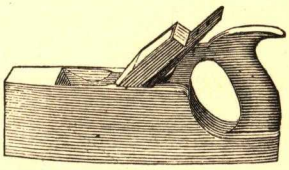
Planes.



SMOOTH.



JACK.



HANDLED SMOOTH.

SINGLE C. S. IRONS.

	Smooth.	Jack.	Fore.	Jointer.
Each,	.60	.75	1.00	1.20

DOUBLE C. S. IRONS.

	Smooth.	Jack.	Fore.	Jointer.	Handled Smooth.
Each,	.90	1.00	1.40	1.50	1.75

RAZEE PLANES.

	Jack.	Fore.	Jointer.
Each,	1.20	1.60	1.85

PREMIUM PLANES, DOUBLE IRONS.

HANDLES BOLTED WITH BRASS NUT—POLISHED START.

SELECTED COARSE GRAINED STOCK.

	Smooth.	Jack.	Fore.	Jointer.
Each,	1.25	1.50	2.30	2.65

PREMIUM POLISHED PLANES—POLISHED IRONS.

	Smooth.	Jack.	Fore.	Jointer.
Each,	1.55	1.85	2.75	3.15

MISCELLANEOUS PLANES.

	Mitre Planes.	Tooth Planes.
Each,	.75	1.00

BEADS, SINGLE BOXED.

Inch,	$\frac{1}{8}$ to $\frac{1}{2}$	$\frac{5}{8}$ and $\frac{3}{4}$	$\frac{7}{8}$ and 1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Each,	.50	.55	.70	.90	1.00	1.10	1.25

Double Boxed Beads, add 10 cents to above list.

Dados, Brass Screw Stop, $\frac{1}{4}$ to 1 Inch, each, - - - - - - - - - 1.50

Fillester, with Screw Stop, and Cut Shoulder Boxed, each, - - - - - 2.50
" Hdl'd " " " " " - - - - - - 3.75

HOLLOWS AND ROUNDS.

Half Set, 9 Pairs, No. 2 to No. 18, - - - - - - - - - - - - 7.20
No. 1 to No. 12, per pair, - - - - - - - - - - - - - - - - .75
" 13 to " 18, " - - - - - - - - - - - - - - - - - - - .90
" 10 to " 24, " - - - - - - - - - - - - - - - - - - - 1.10

Planes.—Continued.

Match Planes, Plated, ¼ to 1 Inch, per pair, - - - - - - - - - - 1.50
" " Hdl'd, Plated, ¼ to 1 Inch, per pair, - - - - - - - - - 2.25
" " Double, in one block, ¼ to 1 Inch, per pair, - - - - - - 1.50

Step Nosings, ⅜ to 1¼, - - - - - - - - - - - - - - - - - - 1.10
" " 1⅜ to 1½, - - - - - - - - - - - - - - - - - - 1.20
" " Handled, ⅜ to 1¼, - - - - - - - - - - - - - - - - 1.50
" " " 1⅜ to 1½, - - - - - - - - - - - - - - - - 1.75

PLOWS—SCREW ARMS.

ALL WITH 8 IRONS.

No. 513. Beech, Boxed, - - - - - - - - - - - - - - - - each, 4.50
No. 514. " Plated, - - - - - - - - - - - - - - - - " 4.50
No. 527. " Handled, Boxed, - - - - - - - - - - - - - " 7.00
No. 528. " " Plated, - - - - - - - - - - - - - " 7.00
No. 530. " " Boxed, - - - - - - - - - - - - - " 5.80
No. 531. " " Plated, - - - - - - - - - - - - - " 5.80
No. 532. Boxwood, " - - - - - - - - - - - - - - - - " 9.00
No. 533. Rosewood, Handled, Boxed, - - - - - - - - - - - " 9.00

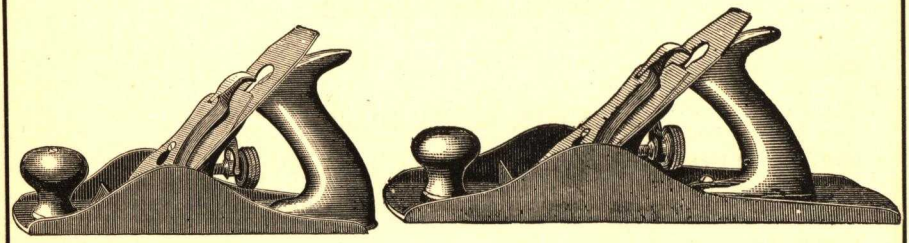
Boxwood, Rosewood, and Ebony Plows, with Ivory and Plated Mountings, in full Variety.

SKEW RABBET PLANES.

Size, - - - -	½ to 1 Inch.	1⅛ to 1¼	1⅜ to 1½	1⅝ to 1¾	1⅞ to 2	2¼	2½
Each - - -	.60	.65	.70	.80	.90	1.00	1.10

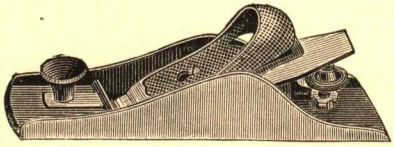
Bailey's Patent Planes.

IRON PLANES.

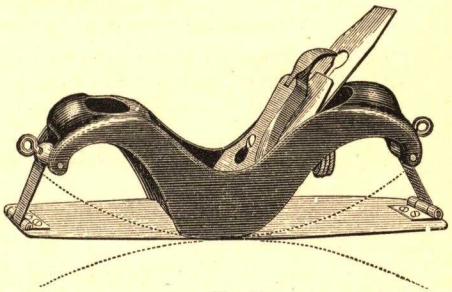


No. 1. Smooth Plane, 5½ Inches in length, 1¼ Inch Cutter, - - - - - 3.50
No. 2. " " 7 " " 1⅝ " - - - - - 4.00
No. 3. " " 8 " " 1¾ " - - - - - 4.50
No. 4. " " 9 " " 2 " - - - - - 5.00
No. 5. Jack " 14 " " 2 " - - - - - 5.50
No. 6. Fore " 18 " " 2⅜ " - - - - - 6.50
No. 7. Jointer " 22 " " 2⅜ " - - - - - 7.50
No. 8. " " 24 " " 2⅝ " - - - - - 8.50
No. 9. Block " 10 " " 2 " - - - - - 8.00

Planes.—Continued.



No. 9½.

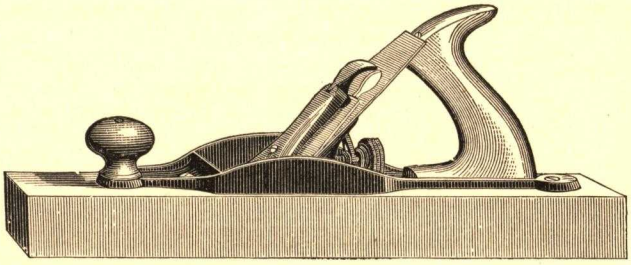


No. 13.

No. 9½. Excelsior Block Plane, 6 Inches in length, 1¾ Inch Cutter, - - - 2.00
No. 9¾. " " " with handle, 6 Inches in length, 1¾ Inch Cutter, - - - - - - - - - - - - - - - - - 2.50
No. 10. Carriage Makers' Rabbet Plane, 14 Inch, 2⅛ Inch Cutter, - - - 6.00
No. 13. 1¾ Inch Cutter, - 5.00

This Plane has a FLEXIBLE STEEL FACE, and can be easily adapted to Plane Circular work—either Concave or Convex.

WOOD PLANES.



No. 21.	Smooth Plane,	7	Inches in length,		1¾	Inch Cutter,	3.00
No. 22.	"	" 8	"	"	1¾	"	3.00
No. 23.	"	" 9	"	"	1¾	"	3.00
No. 24.	"	" 8	"	"	2	"	3.25
No. 25.	Block	" 9½	"	"	1¾	"	3.25
No. 26.	Jack	" 15	"	"	2	"	3.50
No. 27.	"	" 15	"	"	2⅛	"	3.75
No. 28.	Fore	" 18	"	"	2⅜	"	4.00
No. 29.	"	" 20	"	"	2⅜	"	4.00
No. 30.	Jointer,	" 22	"	"	2⅜	"	4.25
No. 31.	"	" 24	"	"	2⅜	"	4.25
No. 32.	"	" 26	"	"	2⅝	"	4.75
No. 33.	"	" 28	"	"	2⅝	"	4.75
No. 34.	"	" 30	"	"	2⅝	"	5.00
No. 35.	Hdl'd, Smooth,	9	Inches in length,		2	"	4.00
No. 36.	"	" 10	"	"	2⅜	"	4.25
No. 37.	Jenny,	" 13	"	"	2⅝	"	4.50

COMBINED PLOW, FILLESTER AND MATCHING PLANE.

Including Plow Bits, Tonguing and Grooving Tools.

No. 41. Iron Stock and Fence, - - - - - - - - - - - - - - 10.50
No. 42. Gun Metal Stock and Fence, - - - - - - - - - - - - 13.00

COMBINED PLOW AND MATCHING PLANE,

Including Plow Bits, Tonguing and Grooving Tools.

No. 43. Iron Stock and Fence, - - - - - - - - - - - - 8.00
No. 44. Gun Metal Stock and Fence, - - - - - - - - - - - 10.50

Plane Irons.

BAILEY'S PATENT.

| Size, | | |

Spokeshaves.—Continued.

HOTCHKISS', IRON.

No. 0.	Straight Handle, Adjustable,	per doz.,	2.00
" 2.	Raised " 2¼ Inch,	"	3.00
" 3.	Double Cutter, Hollow and Straight,	"	3.00

BEECH WOOD.

Size, Inch,	2½	3	3½	4
Plain, per doz.,	3.25	3.75	4.25	4.75
Plated, "	4.25	4.75	5.25	5.75
Plated, with Thumb Screw, "	9.00	9.50	10.00	10.50

Compasses.

No. 366. Common Polished.

Size,	3 to 5	5½ to 6	6½ to 7.
Per doz.,			

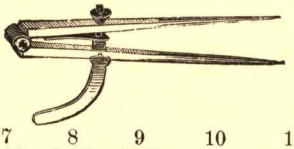
No. 388. Polished Steel Point.

Size,	3 to 5	5½ to 6	6½ to 7
Per doz.,			

AMERICAN POLISHED CAST STEEL.

Size, Inch,	3	4	5	6	7	8	9	10
Per doz.,	3.12	3.25	3.50	4.00	4.75	5.50	6.50	7.50

Wing Dividers.



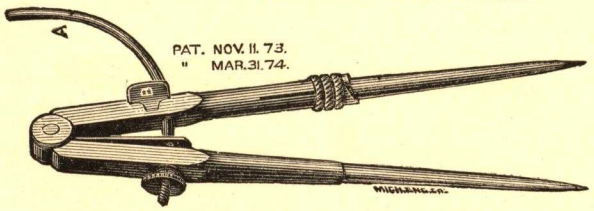
Size, Inch,	5	6	7	8	9	10	12	15	18	24
Per doz.,	5.50	5.50	6.50	7.50	9.00	10.00	12.00	18.00	25.00	36.00

MILLER'S PATENT WING DIVIDERS.

WITH CAM FASTENING.

Inch,	5	6	7	8	9	10	12	15
Per doz..	6.00	6.00	7.00	8.00	9.00	10.00	12.00	18.00

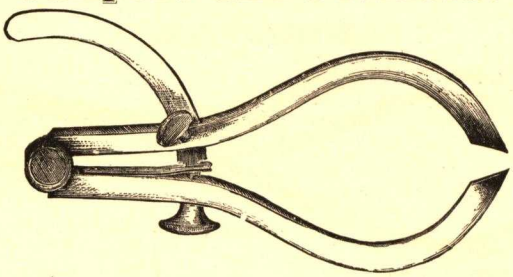
MILLER'S PATENT EXTENSION DIVIDERS.



With Steel Adjustable Points, which can be Extended Five Inches.

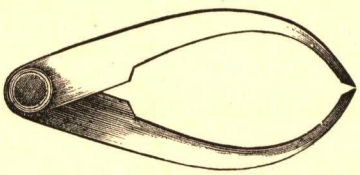
Brass,	5 In.	Steel,	6	7	8	10	15 In.	Double, 10 In.
Per doz.,	9.00		9.00	10.00	11.00	12.00	21.00	13.00

Calipers and Dividers.



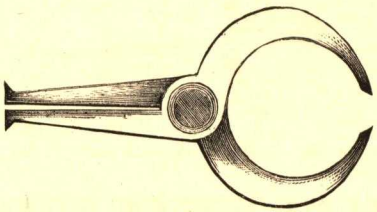
WING CALIPERS.

Inch,	6	8	10	12	20
Per doz.,	7.00	9.00	11.00	13.00	20.00



OUTSIDE CALIPERS.

Inch,	3	4	5	6	7	8	9	10
Per doz.,	3.00	3.25	3.75	4.25	5.00	6.00	6.75	7.25



DOUBLE CALIPERS.

Inch,	3	4	5	6
Per doz.,	3.50	4.25	5.00	6.00

SPRING CALIPERS AND DIVIDERS.

POLISHED SPRING CALIPERS.

Inch,	2 to 6	7	8	10
Per doz.,				

POLISHED SPRING DIVIDERS.

Inch,	2 to 6	7	8	10
Per doz.,				

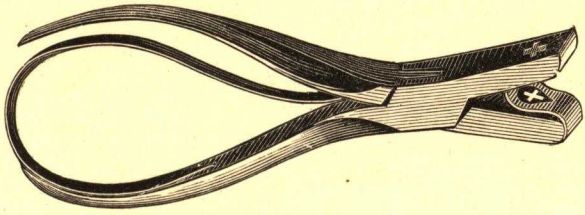
Punches.

SPRING PUNCHES.

	1 Tube.	1 Extra Tube.	2 Extra Tubes.	Extra Tubes.
Per doz.,	6.00	7.80	9.50	1.80

Punches.—Continued.

CONDUCTORS' PUNCHES.



Round Holes,	per doz.,	14.00
Fancy "	"	15.00

BELT OR DRIVE PUNCHES, CAST STEEL.

ROUND PUNCHES.

Nos.	1 to 5	6 to 9	10 to 14
Per doz.,	2.00	2.25	2.50

OVAL PUNCHES.

Nos.	1 to 6	7 to 12	13 to 16
Per doz.,	2.75	3.50	4.75

Plyers.

FLAT NOSE AND ROUND NOSE SAME PRICE.

Inch,	3½	4	4½	5	5½	6	7	8
Common, per doz.,								
Best Quality, per doz,								

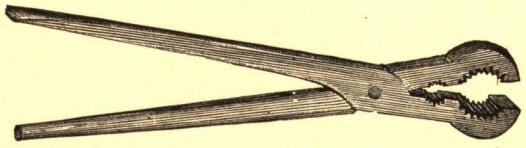
CUTTING PLYERS.

Inch,	3 to 5	5½	6	7	8
End Cutting, per doz.,					
Side " "					

BUTTON'S COMBINED PLYERS AND CUTTING NIPPERS.

Flat or Round Nose, Inch,	4½	6	8	10
Per doz.,	10.00	12.00	15.00	20.00

GAS PLYERS.



Polished Steel, Inch,	6	7	8	9	10	12
Per doz.,	7.00	8.00	9.25	10.25	12.50	14.50

Carpenters' Pincers, Inch, 6 7 8 9 10 12

Washer Cutters, Smith's, per doz., 12.00 **Pennie's,** per doz., 15.00

Chisels.

CAST STEEL COLD CHISELS, OCTAGON.

Size of Octagon, Inch,	½	⅝	¾	⅞
Per doz.,	3.75	5.00	6.25	8.25

Box Chisels, Steel Faced, Inch, 10 12 14
Per doz., 4.65 5.00 5.40

Giant Box Opener and Nail Puller, Large, - - - - per doz., 30.00

Box Scrapers, - - per doz., **Nail Claws,** - - " 10.80

Trowels.

CAST STEEL BRICK TROWELS.

Inch,	9½	10	10½	11	11½	12
Lothrop's,	7.40	7.65	7.90	8.15	8.40	8.65
Clement & Hawk's London Pattern, Double Ferrule,	7.90	8.15	8.40	8.65	8.90	9.15

BRADE'S ENGLISH BRICK TROWELS.

Inch,	9½	10	10½	11	11½	12
New York Pattern, per doz., gold,	8.50	9.00	9.50	10.00	10.50	11.00
London Pattern, " "	10.50	11.00	11.50	12.00	12.50	13.00
" " Double Ferrule, per doz., gold,		12.00	12.50	13.00	13.50	14.00

PLASTERING TROWELS.

Inch,	10	10½	11	11½	12
Lothrop's per doz.,	6.50	7.00	7.50	8.00	9.00
Marshall's "	7.75	7.75	8.50	9.25	10.00
Disston's No. 2, "	12.25	12.25	13.50	14.00	15.75
Disston's No. 1, Patent Screw Handle, "		13.75	15.25	16.75	18.50

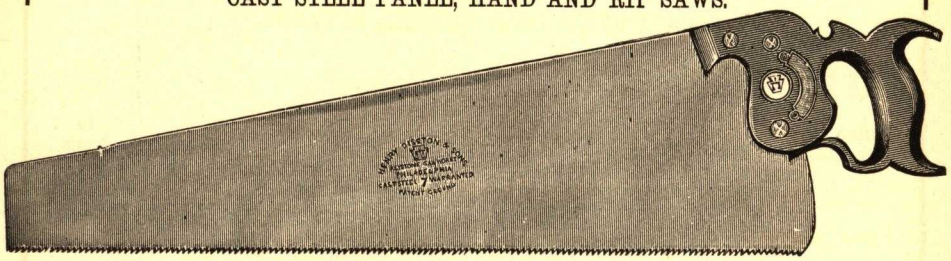
POINTING TROWELS.

Inch,	4	4½	5	5½	6
Lothrop's Pattern, per doz.,	2.95	3.00	3.10	3.20	3.40
Disston's " "	6.00	6.00	~~5.00~~ 6.50	~~6.25~~ 6.50	~~5.25~~ 6.50

Corner Trowels, Inch, - - - - - - - - - - - - 6 7
Per doz., - - - - - - - - - - - - - - - - - - 7.00 7.50

Saws.

CAST STEEL PANEL, HAND AND RIP SAWS.



No. 7. DISSTON & SONS' BEECH HANDLE.

Four Rivets. Warranted.

Inch,	16	18	20	22	24	26	28
Per doz.,	13.00	14.00	16.00	18.00	19.50	20.00	24.00

No. 8. DISSTON & SONS' SPRING STEEL, APPLE HANDLE.

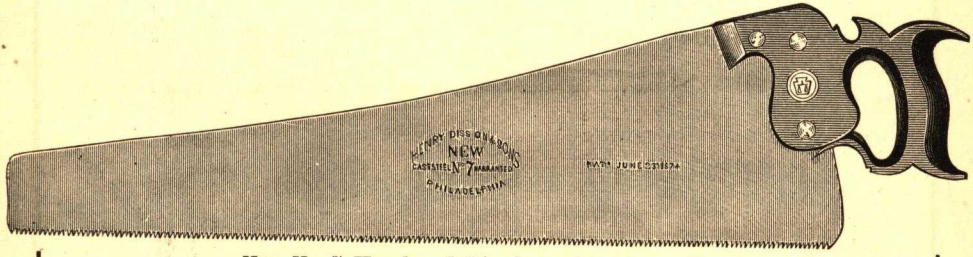
Four Rivets. Warranted.

Inch,	16	18	20	22	24	26	28
Per doz.,	15.00	16.50	18.00	20.50	22.00	22.50	26.00

No. 9. DISSTON & SONS' EXTRA LONDON SPRING, APPLE HANDLE.

Four Rivets. Warranted.

Inch,	16	18	20	22	24	26	28
Per doz.,	18.50	20.00	22.50	25.00	27.00	28 00	32.00



New No. 7 Hand and Rip Saws, Same List as No. 7.

No. 8. BROWN'S BEECH HANDLE.

Etched.

Inch,	16	18	20	22	24	26	28
Per doz.,	8.50	9.50	10.50	12.50	13.50	14.00	17.00

DISSTON AND SONS' PATENT COMBINATION HAND SAWS.

No. 29. Common Patent Combination Saw, with 24 Inch Square and Rule, Straight Edge and Scratch Awl, Plain Tooth, - - per doz., 13.50

" 38. Same as No. 29, with Independent Handle. Blade Same Quality as Brown's No. 3 Hand Saw, - - - - - - - - per doz., 20.00

" 42. Same as No. 29, with Independent Handle. Blade Same Quality as Disston's No. 7 Hand Saw, - - - - - - - - per doz., 32.00

" 43. Same as No. 42, with Plumb and Level Attachment, - " 38.00

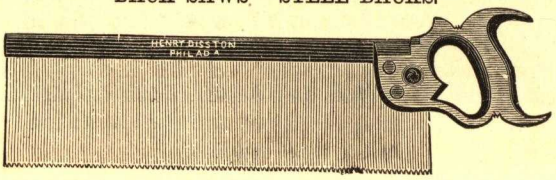
Saws with Keystone Tooth, Cutting Both Rip and Cross Cut, $1.00 per doz. extra.

Saws.—Continued.

FARMERS' HAND SAWS.

Collins,	Beech Handle,		3 Rivets, 26 Inches, per doz.,		6.75
Jackson,	" "	Polished Edges,	" " "		8.00
Knickerbocker,	" "	" "	" " "		8.50
Shoo Fly,	" "	" "	" " "		9.00

BACK SAWS—STEEL BACKS.



No. 1. JACKSON'S BEECH HANDLE, POLISHED EDGE, BLUE BACK.

Inch,	8	10	12	14	16	18
Per doz.,	9.00	10.00	12.00	14.00	16.00	18.00

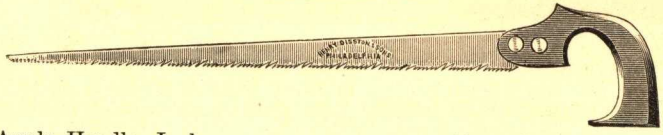
No. 4. DISSTON & SON'S APPLE HANDLE, POLISHED EDGE, BLUE BACK.

Inch,	8	10	12	14	16	18
Per doz.,	14.00	15.00	18.00	21.00	24.00	27.00

DISSTON'S HALF BACK BENCH SAWS.

Inch,	14	16	18	20
Per doz.,	18.00	21.00	24.00	27.00

COMPASS SAWS.



No. 2, Apple Handle, Inch,	10	12	14	16	18
Per doz.,	4.50	4.75	5.00	5.25	5.50

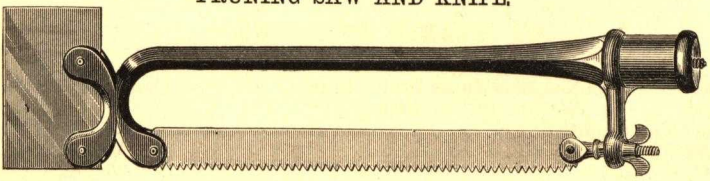
With Keystone Teeth like Cut, 10 per cent. Extra.

Keyhole Saws, Set and Sharpened, - - - - - - - - - per doz., 1.50

PRUNING AND TABLE SAWS.

Inch,	14	16	18	20	22	24	26
No. 3. **Brown,**	7.50	8.00	9.00	10.00	12.00	13.00	13.50
" 7. **Disston & Sons,**	11.00	12.00	13.50	15.00	16.50	18.00	19.50

PRUNING SAW AND KNIFE.

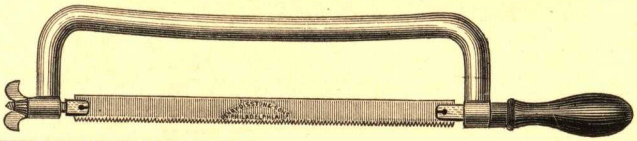


Japanned Frame, - per doz., 9.00 Turned Frame, - per doz., 11.00

Saws.—Continued.

TURNING SAWS AND FELLOE WEBS.

Inch,	10	12	14	16	18	20	22	24	26	28	30
Turning Saws, per doz.,	1.55	1.70	1.80	1.95	2.45	2.60	2.75	2.95	3.35	3.60	3.90
Felloe Webs, "	2.00	2.25	2.45	2.65	3.25	3.45	3.65	4.00	4.55	4.85	5.25



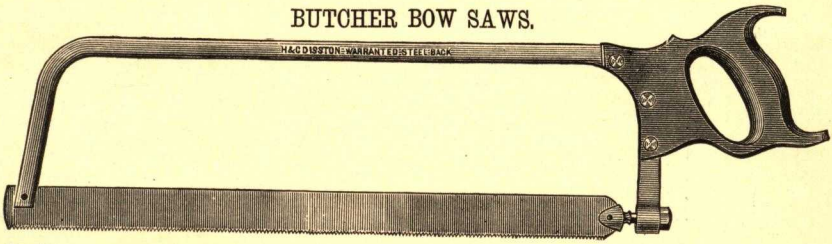
REVERSIBLE HACK SAWS.

Inch,	8	10	12
Per doz.,	15.00	16.00	17.00

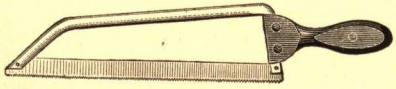
HACK SAW BLADES.

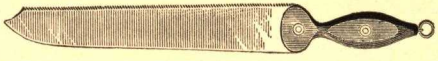
Inch,	8	10	12
Per doz.,	3.40	4.20	5.25

BUTCHER BOW SAWS.



Inch,	12	14	16	18	20	22	24
No. 1. Oval Back,	14.50	15.25	16.00	17.00	18.00	19.00	20.00
No. 2. Flat "	11.25	11.75	12.50	13.25	14.00	14.75	15.50
Butchers' Saw Blades, to 1¼ Inch wide,	5.25	5.45	5.65	5.85	6.05	6.25	6.50





Kitchen Saws, No. 5, per doz., 5.75 **Saw Knives,** - - - per doz., 5.25

WOOD SAW BLADES.

No. 3.	Marshall's, set and sharpened,	per doz.,	4.75
No. 4.	Knickerbocker, set and sharpened,	"	5.50
No. 6.	Disston & Sons, " "	"	6.00
	Lightning, " "	"	10.00
	Champion, " "	"	10.00

FRAMED WOOD SAWS.

Jones', set and sharpened, White Frame,	5.75
Knickerbocker, set and sharpened, White Frame,	7.50
Hoveys, " " Red "	9.00
Disston's Patent, No. 77,	10.50
Livingston's Green Jacket, Braced Frame,	9.00
" Red " " "	10.00
Lightning, Patent Frames,	15.00
Champion, " "	15.00

Cross Cut Saws.

CAST STEEL—SET AND SHARPENED.

Plain Tooth,	per foot,	.60
Lightning,	"	1.00
Champion,	"	1.00
American Perforated,	"	1.00
Champion, Perforated,	"	1.00

ONE MAN SAWS.

Lightning,	per foot,	1.00
Disston's,	"	1.00

CHAMPION. LIGHTNING. PLAIN.

Saws.—Continued.

MILL SAWS.

DISSTON'S, CAST STEEL.

Gauge, Nos.	6	7	8	9
Per foot,	1.40	1.30	1.20	1.10

Cross Cut Saw Handles.

Common, - - - - per doz., .60 Patent, - - - - - - per pair, .60

Saw Screws.

No. 1. Brass Flush, - - per gross, 2.00
No. 2. " " " 2.50
No. 3. " Small, Embossed, per gross, - - - - 4.70
No. 4. Brass, Large, Embossed, per gross, - - - - 5.60
No. 5. Brass, Fancy, Raised, per gross, - - - - 4.50
No. 6. Iron, Fancy, Raised, 5.00

Turning Saw Frames.

Inches,	10	12	14	16	18	20	22	24	26
Per doz.,	7.00	8.00	9.00	9.75	10.75	11.50	12.00	12.50	13.00

Saw Pads, Beech Wood, - - - - - - - - - - - - - - per doz., 4.50

Saw Frames, White, per doz., 1.50 Red, Varnished, - - per doz., 2.00

Inch,	20	21	22
Saw Rods, Plain,	10.00	10.15	10.30
" Copper,	10.00	10.15	10.30

Saw Sets.

Common,	per doz.,	5.00
German Plate,	"	2.50
Common Lever,	"	2.00
Stillman's Genuine,	"	5.00
" Pattern,	"	3.25
" Cross Cut,	"	6.75
" Pattern, Cross Cut,	"	5.50
Leach's No. 0, 7 In. Long,	"	8.00
" No. 1, 13 "	"	15.00
Hotchkiss Hammer,	"	5.50
Aiken's Genuine, Hammer,	"	15.00
" Pattern, Cast Steel Hammer,	"	7.00

NICHOLSON FILE COMPANY'S

Patent Increment Cut Files and Rasps

Revised Net Prices, January 1st, 1875.

Inch.	4	5	6	7	8	9	10	11	12	13	14	15	16
Flat Bastard Cut, - / Mill, " " - / Square, " " - / Round, " " -	1.20	1.40	1.60	1.95	2.30	2.75	3.25	3.80	4.40	5.20	6.00	7.00	8.00
Half R'nd, Bast'd Cut / Hand, " " / Plain Rasps, - -	1.25	1.50	1.80	2.15	2.60	3.10	3.60	4.20	4.90	5.70	6.60	7.60	8.70
Cabinet " - - / " Files, - - / Tanged Horse Rasps	-	-	2.50	2.85	3.40	4.00	4.75	5.60	6 50	7.10	8.85	10.35	12.00
Flat Wood Rasps, / Half Round " -	-	-	1.90	2.20	2.60	3.10	3.75	4.50	5.35	6.30	7.40	8.60	10.00

Inch.	3½	4	4½	5	5½	6	7	8	9	10	11	12	
Tapers, Single Cut, -	.80	.90	1.05	1.25	1.40	1.70	2.20	2.75	3.35	4.10	5.00	6.00	
" Slim, Single Cut, - - - -	-	1.00	-	1.15	-	1.50	1.85	2.20	-	-	-	-	-
Tapers, Double Cut, / Knife, Bastard Cut, / Pillar, " "	1.35	1.45	1.60	1.75	2.00	2.40	2.90	3.55	4.35	5.30	6.40	7.65	-
Pitsaw, Single Cut, / Hook Tooth, " / Half Round Shoe Rasps - - -	-	1.25	1.40	1.55	1.80	2.15	2.50	3.00	3.50	4.10	4.75	5.50	-

Second Cut, all kinds, advance 12½ per cent on Bastard Prices.

Smooth Cut, all kinds, advance 25 per cent on Bastard Prices.

Dead Smooth Cut, all kinds, double the price of Bastard Cut.

Blunt, Equaling, Union Cut, Mill with Two Round Edges, and Beveled Edge Horse Rasps, advance one inch on respective kinds.

Half-inches not specified; take the even inch next higher.

PROPORTIONATE LENGTHS AND DIAMETERS OF STANDARD ROUND AND SQUARE FILES.

Length, - - - - - - - - - -	3 and 4	6	8	10	12	14	16	18	20
Diameter - - - - - - - - - -	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1

J. & Riley Carr's Files and Rasps.

"DOG BRAND."

List at $5.00 £ Sterling.

KIND AND CUT.	INCH.														
	4	4½	5	6	7	8	9	10	11	12	13	14	15	16	18
Flat, Mill, if Bastard Cut	1.19	1.31	1.44	1.75	2.13	2.63	3.00	3.75	4.50	5.38	6.25	7.50	9.00	10.75	15.00
Half Round, if Second Cut	1.38	1.50	1.69	2.06	2.44	3.00	3.38	4.25	5.00	6.00	6.75	8.25	9 75	11.75	16.25
Square if Smooth Cut	1.69	1.88	2.06	2.38	2.88	3.38	3.88	4.75	5.75	6.63	7.50	9.00	10.50	13.00	18.50
Round, if D'd Sm'th Cut	2.56	2.81	3.13	3.63	4.38	5.00	5.88	7.13	8.75	10.00	11.25	13.50	15.75	19.50	27.75
Hand, if Bastard Cut	1.31	1.44	1.56	2.13	2.63	3.00	3.75	4.50	5.38	6.25	7.50	9.00	10.75	12.50	17.00
If Second Cut	1.50	1.69	1.88	2.44	3.00	3.38	4.25	5.00	6.00	6.75	8.25	9.75	11.75	13.75	18.75
Equaling, if Smooth Cut	1.88	2.06	2.25	2.88	3.38	3.88	4.75	5.75	6.63	7.50	9.00	10.50	13.00	15.75	21.00
Pillar, if D'd Smooth Cut	2.81	3.13	3.38	4.38	5.00	5.88	7.13	8.75	10.00	11.25	13.50	15.75	19.50	23.50	31.50
Plain Horse Rasps	-	-	-	-	-	-	-	3.75	4.50	5.38	6.25	7.50	9.00	10.75	- -
Tanged Horse Rasps	-	-	-	-	-	-	-	5.38	6.25	7.50	9.00	10.75	12.50	15.00	- -
Flat and ½ Round Wood Hasps,	1.75	2.13	2.63	3.00	3.75	4.50	5.38	6.25	7.50	9.00	10.75	12.50	15.00	- -	
Cabinet Files and Rasps	-	-	-	2.38	2 88	3.38	3.88	4.75	5.75	6.63	7.50	9.00	10.50	13.00	- -
Half Round Shoe "	-	-	-	2.13	2.63	3.00	3.75	4.50	5.38	6.25	- -	- -	- -	- -	- -

KIND AND CUT.	INCH.											
	3½	4	4½	5	5½	6	7	8	9	10	11	12
Taper Saw Files, Single Cut	1.00	1.13	1.25	1.38	1.63	1.88	2.38	3.00	3.88	4.88	6.00	7.25
" " " Double "	1.50	1.63	1.88	2.13	2.38	2.75	3.38	4.25	5.25	6.50	7.75	9.75
Pit " " Single "	1.19	1.31	1.44	1.63	1.88	2.13	2.63	3.38	4.00	5.00	6.25	7.50
Hocktooth " " "	-	-	-	-	-	2.44	3.00	3.38	4.25	5.00	6.00	6 75
Slim Taper Saw Files, Single Cut,	-	1.10	-	1.31	-	1.75	2.17	2.67	- -	- -	- -	- -

EXTRAS.

Mill Saw—2d Cut Double Cut, Price of Flat 2d Cut.

" " ***Two Round Edges,*** advance 1-2 inch on Flat prices.

Feather Edge and Knife Files, " 3 " " " "

Parallel Files, advance one inch on respective descriptions.

High Back Half Round and 3-Squares, price of Hand List.

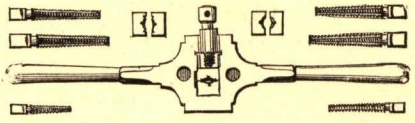
Plain Horse Rasps, with Beveled Edge, 50 cents per dozen extra.

Stubs' Taper Files.

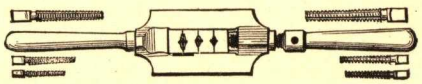
Gold List at $10 per £.

Inch,	2½	3	3½	4	4½	5	5½	6
Per doz.,	1.50	1.50	1.63	1.88	2.13	2.50	2.75	3.00

Stocks and Dies.



No.	Price.	Size.	Taps.	Dies.
1	60.00	2 to 1 Inch, Right Hand and Left Hand	8	4
2	60.00	2 to $\frac{7}{8}$ " " " "	8	4
3	45.00	$1\frac{3}{4}$ to $\frac{7}{8}$ " " " " Left Hand	8	4
4	45.00	$1\frac{3}{4}$ to $\frac{3}{4}$ " " "	8	4
5	35.00	$1\frac{1}{2}$ to $\frac{3}{4}$ " " " " Left Hand	8	4
$5\frac{1}{2}$	35.00	$1\frac{1}{2}$ to $\frac{3}{4}$ " " "	8	4
7	12.00	$1\frac{1}{4}$ to $\frac{5}{8}$ " " " " $1\frac{1}{4}$ to $\frac{7}{8}$ in. Left Hand,	6	3
9	12.00	$1\frac{1}{4}$ to $\frac{1}{2}$ " " "	6	3
17	9.00	1 to $\frac{1}{2}$ " " " " 1 to $\frac{3}{4}$ in. Left Hand,	6	3
19	9.00	1 to $\frac{3}{8}$ " " "	6	3
25	6.50	$\frac{3}{4}$ to $\frac{3}{8}$ " " " " $\frac{3}{4}$ to $\frac{1}{2}$ in. Left Hand,	6	3
27	6.50	$\frac{3}{4}$ to $\frac{3}{8}$ " " "	6	3
45	5.50	$\frac{5}{8}$ to $\frac{5}{16}$ " " " " $\frac{5}{8}$ to $\frac{7}{16}$ in. Left Hand,	6	3
47	5.50	$\frac{5}{8}$ to $\frac{1}{4}$ " " "	6	3
49				
51	4.50	$\frac{1}{2}$ to $\frac{1}{4}$ " " " " $\frac{1}{2}$ to $\frac{5}{16}$ in. Left Hand,	6	3
	4.50	$\frac{1}{2}$ to $\frac{3}{16}$ " " "	6	3



No.	Price.	Size.	Taps.	Dies.
6	20.00	$1\frac{1}{2}$ to 1 Inch, Right Hand and Left Hand	4	2
11	10.00	$1\frac{1}{4}$ to $\frac{5}{8}$ " " " " $1\frac{1}{4}$ to $\frac{7}{8}$ in. Left Hand,	4	3
15	10.00	$1\frac{1}{4}$ to $\frac{1}{2}$ " " "	5	3
21	6.00	1 to $\frac{1}{2}$ " " " " 1 to $\frac{3}{4}$ in. Left Hand,	4	3
23	5.00	1 to $\frac{3}{8}$ " " "	3	3
32	5.00	$\frac{3}{4}$ to $\frac{3}{8}$ " " " " Left Hand	4	4
33	4.00	$\frac{3}{4}$ to $\frac{1}{2}$ " " " " "	2	2
34	4.50	$\frac{3}{4}$ to $\frac{5}{16}$ " " "	3	3
35	4.00	$\frac{3}{4}$ to $\frac{3}{8}$ " " "	2	2
37	4.25	$\frac{5}{8}$ to $\frac{3}{16}$ " " "	6	3
38	4.50	$\frac{5}{8}$ to $\frac{5}{16}$ " " " " $\frac{5}{8}$ to $\frac{7}{16}$ in. Left Hand,	6	3
41	3.25	$\frac{1}{2}$ to $\frac{1}{2}$ " " "	6	3
42	3 50	$\frac{1}{2}$ to $\frac{3}{16}$ " " " " $\frac{1}{2}$ to $\frac{5}{16}$ in. Left Hand,	6	3
53	2.75	$\frac{5}{16}$ to $\frac{1}{16}$ " " "	4	4

Taps.

TAPER TAPS.

Size.	Hand.	Thread to the Inch.	Price each tap.	Size.	Hand.	Thread to the Inch.	Price each tap.
1-8 Inch -	R	30 and 32 - -	.30	5-8 Inch,	L	10 and 12 - -	.50
3-16 " -	R	24 26 28 - -	.30	5-8 "	R	10 12 and 14 -	.50
1-4 " -	R	18 20 22 24 26	.30	3-4 "	L	10 and 12 - -	.65
5-16 " -	R	16 18 20 and 22	.30	3-4 "	R	7 8 9 10 and 12	.65
3-8 " -	R	12 14 16 and 18	.35	7-8 "	L	9 - - - - -	.90
7-16 " -	L	14 - - - -	.40	7-8 "	R	9 and 10 - -	.90
7-16 " -	R	12 14 16 and 18	.40	1 "	L	8 and 9 - - -	1.25
1-2 " -	L	12 and 14 - -	.40	1 "	R	7 8 and 9 - -	1.25
1-2 " -	R	12 14 and 16	.40	1¼ "	L	8 and 9 - - -	1.75
9-16 " -	L	12 - - - -	.50	1¼ "	R	6 7 8 and 9 - -	1.75
9-16 " -	R	12 and 14 - -	.50	1½ "	R	6 7 and 8 - -	3.00

Machine Taps.

MACHINISTS' HAND TAPS.

PAPER PLUG AND BOTTOMING.

	Diameter.	No. Threads to Inch.	Price each.	Price per set,
3 Taps to set	¼	16, 18 and 20	.50	1.50
3 " "	5/16	16 and 18	.55	1.65
3 " "	3/8	14, 16 and 18	.60	1.80
3 " "	7/16	14 and 16	.70	2.10
3 " "	½	12, 13 and 14	.80	2.40
3 " "	9/16	12 and 14	.90	2.70
3 " "	5/8	10, 11 and 12	1.00	3.00
3 " "	11/16	11 and 12	1.20	3.60
3 " "	¾	10 and 12	1 40	4.20
3 " "	13/16	10	1.60	4.80
3 " "	7/8	9 and 10	1.80	5.40
3 " "	15/16	9	2.00	6.00
3 " "	1	8	2.25	6.75
3 " "	1⅛	7 and 8	2.50	7.50
3 " "	1¼	7	3.00	9.00
3 " "	1⅜	6	3.50	10.50
3 " "	1½	6	4.00	12.00
3 " "	1⅝	5	4.75	14.25
3 " "	1¾	5	5.50	16.50
3 " "	1⅞	4½	6.50	19.50
3 " "	2	4½	7.50	22.50

MACHINE TAPS.

LONG SHANK.

Diameter.	No. Threads to Inch.	Price each.
¼	18 and 20	.75
5/16	16 and 18	.90
3/8	14 and 16	1.05
7/16	12, 14 and 16	1.20
½	12, 13 and 14	1.40
9/16	12 and 14	1.60
5/8	10, 11 and 12	1.80
11/16	11 and 12	2.00
¾	10 and 11	2.25
13/16	10	2.50
7/8	9 and 10	2.87
15/16	9	3.25
1	8	3.63
1⅛	7 and 8	4.25
1¼	7	4.88
1⅜	6	5.62
1½	6	6.75
1⅝	5 and 5½	8.00
1¾	5	9.25
1⅞	4½ and 5	10.50
2	4½	12.00

Machine Taps.—Continued.

MACHINE SCREW TAPS.

Diameter.	Wire Gauge Size.	No. Threads to Inch.	Price.	Diameter.	Wire Gauge Size.	No. Threads to Inch.	Price.
7/64	No. 4	36 and 40	.40	1/4	No. 14	18, 20 and 22	.50
9/64	" 6	30, 32, 36 and 40	.40	7/64	" 16	16, 18, 20 and 22	.50
1/8	-	30, 32 and 36	.40	9/32	" 18	16, 18 and 20	.50
5/32	" 8	30 and 32	.40	5/16	" 20	16, 18 and 20	.55
3/16	" 10	20, 22 and 24	.40	3/8	" 24	14, 16 and 18	.60
7/32	" 12	20, 22 and 24	.40				

New York Tap & Die Co's Screw Plates.

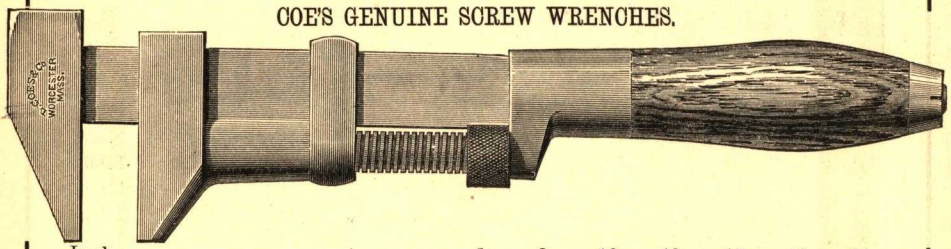
No. 0	Cuts 1/8 to 1/4 by 32ds, with Taps,	each.	5.25
No. A	" 1/4, 3/8, 1/2, no "	"	5.00
No. B	" 3/8, 1/2, 5/8, 3/4, " "	"	8.00
No. C	" 1/2, 5/8, 3/4, 7/8, " "	"	10.00
No. D	" 7/8, 1, 1 1/8, 1 1/4, " "	"	13.00

Wrenches.

ADJUSTABLE TAP WRENCH.

No. 0.	Fitting Taps from 7/64 to 1/4,	each,	2.25
No. A.	" " " 1/4 to 5/8,	"	3.00
No. B.	" " " 1/2 to 1,	"	4 00
No. C.	" " " 7/8 to 1 1/4,	"	5.00

COE'S GENUINE SCREW WRENCHES.



Inch,	6	8	10	12	15	18	21
Black, per doz.,	9.00	10.00	12.00	14.00	24.00	30.00	36.00
Bright, "	10.00	11.00	14.00	16.00	26.00	32.00	38.00

Coe's Imitation Wrenches, same List as Coe's Genuine.
Taft's Pattern Wrenches, " " "

BAXTER'S WRENCHES.

Inch,	4	6	8	10	12	15
Per doz.,	6.00	9.00	12.00	18.00	24.00	30.00

BEMIS & CALL'S COMBINATION WRENCHES.

Combining Screw and Pipe Wrench.

Inch,	10	12	15
Per doz.,	25.25	28.50	40.50

Morse's Patent Twist Drills.

TURNED DRILLS,

TAPER OR STRAIGHT SHANKS.

Patent Increase Twist and American Standard Drills.

No. of Sockets for Standard Taper.	Diameter of Drills.	Length in Inches.	Price each.	No. of Socket for Morse Taper.
No. 4 Socket, $2.65. No. 3, $2.10. No. 2, $1.65. No. 1, $1.35.	1-4	6 1/8	65	No. 1, $1.40.
	9-32	6 1/4	70	
	5-16	6 3/8	75	
	11-32	6 1/2	80	
	3-8	6 3/4	85	
	13-32	7	90	
	7-16	7 1/4	1 00	
	15-32	7 1/2	1 10	
	1-2	7 3/4	1 20	
	17-32	8	1 30	
	9-16	8 1/4	1 40	
	19-32	8 1/2	1 50	
	5-8	8 3/4	1 65	
	21-32	9	1 80	
	11-16	9 1/4	2 00	
	23-32	9 1/2	2 20	No. 2, $2.20.
	3-4	9 3/4	2 40	
	25-32	9 7/8	2 60	
	13-16	10	2 80	
	27-32	10 1/4	3 00	
	7-8	10 1/2	3 20	
	29-32	10 5/8	3 40	
	15-16	10 3/4	3 60	
	31-32	10 7/8	3 80	
1		11	4 00	No. 3, $3.00.
1	1-32	11 1/8	4 20	
1	1-16	11 1/4	4 40	
1	3-32	11 1/2	4 60	
1	1-8	11 3/4	4 80	
1	5-32	11 7/8	5 00	
1	3-16	12	5 25	
1	7-32	12 1/8	5 50	
1	1-4	12 1/2	5 75	
1	9-32	14 1/8	6 00	
1	5-16	14 1/4	6 25	
1	11-32	14 3/8	6 50	
1	3-8	14 1/2	6 75	
1	13-32	14 5/8	7 00	
1	7-16	14 3/4	7 25	
1	15-32	14 7/8	7 50	
1	1-2	15	7 75	
1	17-32	15 1/8	8 00	No. 4, $4.40.
1	9-16	15 1/4	8 25	
1	19-32	15 3/8	8 50	
1	5-8	15 1/2	8 75	
1	21-32	15 5/8	9 00	
1	11-16	15 3/4	9 25	
1	23-32	15 7/8	9 50	
1	3-4	16	9 75	
1	25-32	16 1/8	10 25	
1	13-16	16 1/4	10 50	
1	27-32	16 3/8	10 75	
1	7-8	16 1/2	11 00	
1	29-32	16 1/2	11 25	
1	15-16	16 1/2	11 50	
1	31-32	16 1/2	11 75	
2		16 1/2	12 00	

No. 5 Socket, $4.40.

The above are made by 64ths if ordered.

STRAIGHT SHANKS.

Diameter of Drills.	Length in Inches.	Price per dozen.	Price each.
1-16	2 1/2	1 20	11
5-64	2 5/8	1 30	12
3-32	2 3/4	1 40	13
7-64	2 7/8	1 60	14
1-8	3	1 80	16
9-64	3 1/8	2 00	18
5-32	3 1/4	2 20	20
11-64	3 3/8	2 45	22
3-16	3 1/2	2 70	24
13-64	3 5/8	3 00	26
7 32	3 3/4	3 30	29
15-64	3 7/8	3 60	32
1-4	4	3 95	35
17-64	4 1/8	4 30	38
9-32	4 1/4	4 60	40
19-64	4 3/8	4 95	43
5-16	4 1/2	5 30	46
21-64	4 5/8	5 70	50
11-32	4 3/4	6 20	54
23-64	4 7/8	6 70	58
3-8	5	7 20	62
25-64	5 1/8	7 70	66
13-32	5 1/4	8 10	70
27-64	5 3/8	8 45	74
7-16	5 1/2	8 80	78
29-64	5 5/8	9 20	82
15-32	5 3/4	9 65	86
31-64	5 7/8	10 10	90
1-2	6	10 55	94

The above comprises the Jobber's and Machinist's Sets. For very exact work, a gauge plainly marked should accompany an order.

☞ To prevent confusion in filling orders, parties will please state which Taper is desired.

☞ Straight Shank Drills, Taper Lengths, at Taper Shank Prices.

*The Standard Taper corresponds with the Manhattan Taper.

Drills of any size or length, with Straight or Taper Shanks, made to order, and to fit any Socket desired.

The Patent Grinding Line is applied to Patent Increase Twist Drills only. Parties ordering will please state if they wish the Grinding Line applied.

STUBS' STEEL WIRE GAUGE.

STRAIGHT SHANKS.

Numbers by Gauge.	Length in Inches.	Price per dozen.	Price each.
1 to 5	4	2 35	22
6 " 10	3 11-16	2 25	21
11 " 15	3 1-2	2 15	20
16 " 20	3 1-4	2 05	19
21 " 25	3 1-16	1 95	18
26 " 30	2 13-16	1 75	16
31 " 35	2 5-8	1 55	15
36 " 40	2 7-16	1 35	14
41 " 45	2 1-4	1 25	13
46 " 50	2 1-16	1 15	12
51 " 65	1 3-4	1 15	11

BIT-STOCK DRILLS.

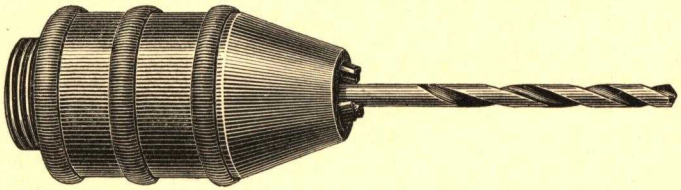
Diameter of Drills.	Price per dozen.	Price each.
1-16	1 75	15
3-32	2 00	20
1-8	2 50	25
5-32	3 00	30
3-16	3 50	35
7-32	4 25	40
1-4	5 00	45
9-32	5 75	50
5-16	6 50	60
11-32	7 50	65
3-8	8 50	75
13-32	9 50	85
7-16	10 75	95
15-32	12 00	1 05
1-2	13 25	1 15

Price per set, 1-16 to 1/4 by 32d, 1/4 to 3/8 by 16th. Boxed, $3.10.

Drills.—Continued.

IN SETS.	Patent Increase Twist Drill.	American Standard Taper Drill Sockets.
No. 1. Set of Taper Shank Drills, $\frac{1}{4}$ to 1 inch, varying by 16ths,	25.00	
No. 2. Set of Taper Shank Drills, $\frac{3}{8}$ to $1\frac{1}{4}$ inch in diameter, varying by 16ths,	44.00	
No. 3. Set of Taper Shank Drills, $\frac{3}{8}$ to $\frac{3}{4}$, varying by 32ds, $\frac{3}{4}$ to $1\frac{1}{4}$ inch diameter, varying by 16ths,	53.00	
No. 4. Set of Taper Shank Drills, $\frac{3}{8}$ to $\frac{3}{4}$, varying by 32ds, and from $\frac{3}{4}$ to 2 inches diameter, varying by 16ths,	162.00	
No. 5. Set Drills, Straight Shanks, $\frac{1}{16}$ to $\frac{1}{2}$ inch, mounted, varying by 64ths,	12.75	
No. 6. Set Drills, Straight Shanks, $\frac{1}{16}$ to $\frac{1}{2}$ inch, mounted, varying by 32ds,	6.50	
No. 7. Set Drills, from 60 to $\frac{3}{8}$ inch, mounted, with ends of Drills to fit $\frac{5}{16}$ Chuck,	11.00	
No. 8. Set Drills, Steel Wire Gauge, from 1 to 60, mounted,	8.75	
No. 9. Half Set Drills, Steel Wire Gauge, alternate Nos. from 1 to 60, mounted,	4.75	
No. 10. Jeweler's Set Drills, neatly mounted in a Mahogany Case, with cap, containing 36 Drills, from No. 30 ($\frac{1}{8}$ inch) to No. 65, Steel Wire Gauge,	5.25	
No. 11. Set of Taper Shank Drills, $\frac{3}{8}$ to 2 inches by 32ds,	300.00	
Set of Steel Sockets, to hold Drills from $\frac{1}{4}$ to $1\frac{1}{4}$ inches,	6.60	7.75
One large Steel Socket, to hold Drills from $1\frac{5}{16}$ to 2 in. diameter,	4.40	4.40
Adjustable Chuck, holding from $\frac{1}{16}$ to $\frac{5}{8}$ inches, with springs to open jaws,	7.00	
Center-Drill Chuck, with one Drill,	2.50	
Center Drills, 25 cents each, per doz.,	2.75	

Beach Patent Drill Chuck.



No. 0 holds from 0 to $\frac{1}{8}$ inch diameter (for Jewelers), 8.00
No. 1 " " 0 to $\frac{1}{4}$ " " 9 00
No. 2 " " 0 to $\frac{3}{8}$ " " 10.00
No. 3 " " 0 to $\frac{1}{2}$ " " 12.00
No. 4 " " $\frac{5}{16}$ to $\frac{5}{8}$ inch " 13.50

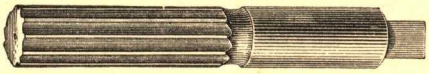
Morse Patent Twist Drill Grinding Machine.

No. 1, for grinding Drills of sizes below $\frac{1}{2}$ inch, 11.00
No. 2, for sizes varying from $\frac{3}{8}$ to 2 inches, 22.00
Extra rests for grinding left hand Drills furnished for 2.75 and 5.50

By removing the rest, the Machine may be used for an Emery Grinder.

Extra Wheels Furnished at the Lowest Rates.

Reamers.



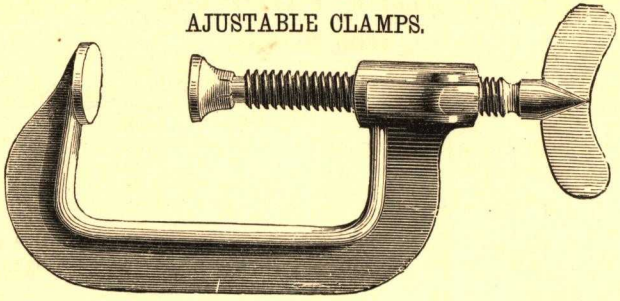
JOBBER'S SET.				SHORT SET.				SHELL REAMERS.			
Diameter of Reamer.	Full length.	Length of flute.	Price each.	Diameter of Reamer.	Full length.	Length of flute.	Price each.	Diameter of Reamer	Length.	Size Hole,	Price each.
1/4	4 In.	2 In.	1.40	1/4	3 3/4 In.	2 1/4	1.35	3/4	2 In.	1/2 In.	1.65
5/16	4 1/2	2 1/4	1.55	5/16	4	2 1/4	1.45	1 3/16	"	"	1.65
3/8	5	2 1/2	1.70	3/8	4 1/4	2 1/4	1.60	7/8	"	"	1.75
7/16	5 1/2	2 3/4	1.90	7/16	4 1/2	2 5/16	1.75	1 5/16	"	"	1.75
1/2	6	3	2.10	1/2	4 3/4	2 7/16	1.90	1 In.	"	"	1.90
9/16	6 1/2	3 1/4	2.30	9/16	5	2 9/16	2.00	1 1/16	"	"	1.90
5/8	7	3 1/2	2.50	5/8	5 1/4	2 5/8	2.15	1 1/8	"	"	2.15
1 1/16	7 1 1/16	3 1 3/16	2.80	1 1/16	5 1/2	2 3/4	2.30	1 3/16	2 1/2 In.	5/8 In.	2.15
3/4	8 3/8	4 3/16	3.10	3/4	5 3/4	2 1 5/16	2.50	1 1/4	"	"	2.40
1 3/16	9 1/16	4 1/2	3.40	1 3/16	6	3 1/16	2.70	1 5/16	"	"	2.70
7/8	9 1 1/16	4 1 3/16	3.70	7/8	6 3/8	3 3/16	2.95	1 3/8	"	"	3.00
1 5/16	10 1/4	5 1/8	4.10	1 5/16	6 3/4	3 5/16	3.20	1 7/16	"	"	3.30
1 In.	10 7/8	5 7/16	4.50	1 In.	7 1/8	3 9/16	3.45	1 1/2	"	"	3.60
1 1/16	11 1/4	5 5/8	4.90	1 1/16	7 1/2	3 3/4	3.70	1 9/16	"	"	3.90
1 1/8	11 5/8	5 1 3/16	5.30	1 1/8	7 7/8	4	4.00	1 5/8	"	"	4.25
1 3/16	12	6	5.80	1 3/16	8 1/4	4 1/4	4.40	1 1/16	"	"	4.60
1 1/4	12 1/4	6 1/8	6.30	1 1/4	8 3/4	4 1/2	4.80	1 3/4	"	"	5.00
1 5/16	12 7/16	6 3/16	6.80	1 5/16	9	4 3/4	5.20	1 3/16	"	"	5.40
1 3/8	12 5/8	6 5/16	7.40	1 3/8	9 1/2	5	5.75	1 7/8	"	"	6.00
1 7/16	12 1 3/16	6 3/8	8.00	1 7/16	9 3/4	5 1/4	6.30	1 5/16	"	"	6.60
1 1/2	13	6 1/2	8.70	1 1/2	10	5 1/2	6.85	2	"	"	7.25
1 9/16	13	6 1/2	9.40	1 9/16	10 1/4	5 1/2	7.60				
1 5/8	13	6 1/2	10.10	1 5/8	10 5/8	5 5/8	8.45				
1 1/16	13 1/2	6 3/4	10.80	1 1/16	10 3/4	5 5/8	9.30				
1 3/4	13 1/2	6 3/4	11.50	1 3/4	11	5 3/4	10.00				
1 13/16	13 1/2	6 3/4	12.50	1 13/16	11 1/4	5 3/4	10.70				
1 7/8	14	7	13.50	1 7/8	11 1/2	5 7/8	11.40				
1 15/16	14	7	14.50	1 15/16	11 3/4	5 7/8	12.20				
2	14	7	15.50	2	12	6	13.00				

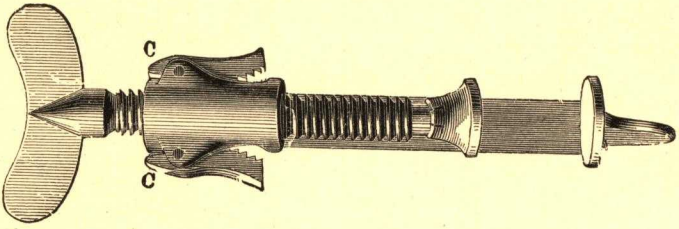
Price per short set, 1/4 to 1 Inch, - - - - - - - - - - - - - - - - 29.25
" " " 1/4 to 1 1/4 " - - - - - - - - - - - - - - - - 46.00
" " " 1/4 to 1 1/2 " - - - - - - - - - - - - - - - - 70.00
" Jobber's set, 1/4 to 1 Inch, - - - - - - - - - - - - - - - - 35.00
" " 1/4 to 1 1/4 " - - - - - - - - - - - - - - - - 57.00
" " 1/4 to 1 1/2 " - - - - - - - - - - - - - - - - 88.00
Price Walnut Case for set, 1/4 to 1 Inch, 3.75, or 1/4 to 1 1/4 Inch, - - - - 4.25
" " " 1/4 to 1 1/2 " - - - - - - - - - - - - - - - - 4.50

Solid or Shell Reamers, of any Size or Length, made to Order.

Clamps.

AJUSTABLE CLAMPS.





Opens, inches,	2	3	4	5	6	7	8
Per doz.,	9.70	11.20	12.60	14.70	21.90	24.50	28.60

COMMON CLAMPS.

MALLEABLE IRON.

Nos.	00	0	1	2	3	4	5	6
Opens, inches,	2	2½	3	4	5½	7	8	10
Per doz.,	2.00	3.00	4.00	6.00	7.50	9.00	11.00	13.00

Wood Hand Screws.

Diameter of Screws.	Length of Screws.	Length of Jaws.	Size of Jaws.	Per doz.
½ Inch,	10 Inch,	8 Inch,	1¼ by 1¼ Inch,	2.25
⅝ "	10 "	8½ "	1⅜ by 1⅜ "	2.50
¾ "	12 "	10 "	1⅝ by 1⅝ "	3.25
⅞ "	16 "	14 "	2 by 2 "	4.75
1 "	18 "	16 "	2⅜ by 2⅜ "	6.50
1⅛ "	20 "	18 "	2⅝ by 2⅝ "	8.50
1¼ "	24 "	20 "	2⅞ by 2⅞ "	10.50

Bench Screws.

WOOD.

Inch,	2	2½	Inch,	2	2½
Birch,	3.00	3.50	Hickory,	6.00	7.50

IRON.

Inch,	1	1⅛	1¼	1½
per doz.,	5.75	7.00	8.25	13.00

AMERICAN SCREW COMPANY'S

Patent Gimlet Pointed Screws.

IRON SCREWS.

¼ Inch.		
No.	0	@ .50
	1	" .50
	2	" .50

⅜ Inch.		
No.	1	@ .50
	2	" .50
	3	" .50
	4	" .50
	5	" .53
	6	" .55
	7	" .63
	8	" .68

½ Inch.		
No.	2	@ .50
	3	" .50
	4	" .50
	5	" .53
	6	" .55
	7	" .63
	8	" .68
	9	" .76
	10	" .81

⅝ Inch.		
No.	2	@ .53
	3	" .53
	4	" .55
	5	" .58
	6	" .63
	7	" .68
	8	" .76
	9	" .81
	10	" .87
	11	" .92
	12	" .97

¾ Inch.		
No.	4	@ .58
	5	" .63
	6	" .68
	7	" .74
	8	" .79
	9	" .84
	10	" .89
	11	" .95
	12	" 1.00
	13	" 1.16
	14	" 1.26
	15	" 1.47
	16	" 1.68

⅞ Inch.		
No.	5	@ .68
	6	" .71
	7	" .76
	8	" .81
	9	" .87
	10	" .92
	11	" 1.00
	12	" 1.08
	13	" 1.21
	14	" 1.31
	15	" 1.52
	16	" 1.71

1 Inch.		
No.	5	@ .76
	6	" .79
	7	" .84
	8	" .87
	9	" .92
	10	" .97
	11	" 1.05
	12	" 1.13
	13	" 1.26
	14	" 1.39
	15	" 1.58
	16	" 1.79
	17	" 1.97
	18	" 2.21
	20	" 3.05

1¼ Inch.		
No.	7	@ .97
	8	" 1.00
	9	" 1.05
	10	" 1.13
	11	" 1.21
	12	" 1.31
	13	" 1.44
	14	" 1.60
	15	" 1.84
	16	" 2.10
	17	" 2.26
	18	" 2.47
	20	" 3 07

1⅛ Inch.		
No.	8	@ 1.13
	9	" 1.18
	10	" 1.23
	11	" 1.34
	12	" 1.44
	13	" 1.60
	14	" 1.84
	15	" 2 07
	16	" 2.31
	17	" 2.55
	18	" 2.76
	20	" 3.31

1¾ Inch.		
No.	9	@ 1.37
	10	" 1.42
	11	" 1.50
	12	" 1.65
	13	" 1.84
	14	" 2.07
	15	" 2.31
	16	" 2.55
	17	" 2.78
	18	" 3.07
	20	" 3.52
	22	" 4.07
	24	" 4.86

2 Inch.		
No.	10	@ 1.50
	11	" 1.63
	12	" 1.86
	13	" 2.07
	14	" 2.31
	15	" 2.55
	16	" 2.78
	17	" 3.07
	18	" 3.31
	20	" 3.83
	22	" 4.44
	24	" 5.91

2¼ Inch.		
No.	11	@ 1.86
	12	" 2.10
	13	" 2.34
	14	" 2.55
	15	" 2.78
	16	" 3.10
	17	" 3.31
	18	" 3.60
	20	" 4.12
	22	" 5.04
	24	" 6.56

2½ Inch.		
No.	12	@ 2.34
	13	" 2.55
	14	" 2.78
	15	" 3.10
	16	" 3.31
	17	" 3.60
	18	" 3.83
	20	" 4.44
	22	" 5.51
	24	" 6.83

2¾ Inch.		
No.	13	@ 2.78
	14	" 3.07
	15	" 3.31
	16	" 3.60
	17	" 4.07
	18	" 4.38
	20	" 5.25
	22	" 6.46
	22	" 7 74

3 Inch.		
No.	14	@ 3.31
	15	" 3.60
	16	" 4.07
	17	" 4.54
	18	" 5.04
	20	" 5.99
	22	" 7.35
	24	" 8.93
	26	" 9.98

3½ Inch.		
No.	16	@ 4.94
	17	" 5.49
	18	" 6.14
	20	" 7.53
	22	" 8.74
	24	" 9.69
	26	" 10.63

4 Inch.		
No.	18	@ 7.25
	20	" 9.08
	22	" 10.24
	24	" 11.29
	26	" 12.60

4½ Inch.		
No.	18	@ 8.40
	20	" 10.13
	22	" 11.29
	24	" 12.60
	26	" 14.18

5 Inch.		
No.	20	@ 11.81
	22	" 13.13
	24	" 14.18
	26	" 15.75

6 Inch.		
No.	24	@ 17.72
	26	" 20.34
	28	" 23.76
	30	" 27.56

Brass Screws.

⅜ Inch.

No.	1 @	.89
	2 "	.89
	3 "	.89
	4 "	.92
	5 "	.96
	6 "	1.02
	7 "	1.11

½ Inch.

No.	2 @	.89
	3 "	.89
	4 "	.92
	5 "	.96
	6 "	1.02
	7 "	1.11
	8 "	1.19
	9 "	1.29
	10 "	1.43

⅝ Inch.

No.	2 @	.90
	3 "	.90
	4 "	.93
	5 "	.98
	6 "	1.04
	7 "	1.13
	8 "	1.20
	9 "	1.31
	10 "	1.44
	11 "	1.59
	12 "	1.80

¾ Inch.

No.	4 @	.96
	5 "	1.01
	6 "	1.07
	7 "	1.14
	8 "	1.23
	9 "	1.35
	10 "	1 49

¾ Inch.

No.	11 @	1.64
	12 "	1.80
	13 "	2.03
	14 "	2.33
	15 "	2.70
	16 "	3.15

⅞ Inch.

No.	6 @	1.10
	7 "	1.19
	8 "	1.29
	9 "	1.41
	10 "	1.56
	11 "	1.74
	12 "	1.95
	13 "	2.28
	14 "	2.67
	15 "	3.05
	16 "	3.45

1 Inch.

No.	6 @	1.14
	7 "	1.26
	8 "	1.40
	9 "	1.55
	10 "	1.73
	11 "	1 94
	12 "	2.18
	13 "	2.45
	14 "	2.75
	15 "	3.08
	16 "	3.53
	18 "	4.13

1⅛ Inch.

No.	7 @	1.35
	8 "	1.46
	9 "	1.73
	10 "	2.03
	11 "	2.33

1¼ Inch.

No.	12 @	2.63
	13 "	2.93
	14 "	3.23
	15 "	3.53
	16 "	3.83
	17 "	4.13
	18 "	4.50
	20 "	5.25

1⅜ Inch.

No.	8 @	1.88
	9 "	2.09
	10 "	2.31
	11 "	2.58
	12 "	2.88
	13 "	3.23
	14 "	3.63
	15 "	4.13
	16 "	4.65
	17 "	5.25
	18 "	6.00
	20 "	7.80

1¾ Inch.

No.	9 @	2.45
	10 "	2.69
	11 "	2.93
	12 "	3.24
	13 "	3.65
	14 "	4.14
	15 "	4.73
	16 "	5.40
	17 "	6.17
	18 "	7.02
	20 "	8.10
	22 "	9.60
	24 "	11.25

2 Inch.

No.	10 @	3.00

2 Inch.

No.	11 @	3.27
	12 "	3.57
	13 "	4.16
	14 "	4.74
	15 "	5.33
	16 "	5.91
	17 "	6.50
	18 "	7.08
	20 "	8.34
	22 "	10.50
	24 "	12.00

2¼ Inch.

No.	12 @	4.13
	13 "	4.70
	14 "	5.31
	15 "	5.90
	16 "	6.45
	17 "	7.05
	18 "	7.80
	20 "	8.70
	22 "	11.25

2½ Inch.

No.	14 @	5.88
	15 "	6.45
	16 "	6.95
	17 "	7.80
	18 "	8.66
	20 "	10.53
	22 "	12.45
	24 "	14 63

3 Inch.

No.	16 @	8.43
	18 "	10.23
	20 "	12.96
	22 "	15.75
	24 "	19.50
	26 "	24.00

Round and Flat Head Silver Capped Screws.

½ Inch.

No.	4 @	.84
	5 "	.93
	6 "	1.07
	7 "	1.20
	8 "	1.35
	9 "	1.50
	10 "	1.60

⅝ Inch.

No.	4 @	.88
	5 "	.98
	6 "	1.13
	7 "	1.25
	8 "	1.40
	9 "	1.55
	10 "	1.63

⅝ Inch.

No.	11 @	1.80
	12 "	1.90

¾ Inch.

No.	4 @	.90
	5 "	1.04
	6 "	1.16
	7 "	1.30

¾ Inch.

No.	8 @	1.44
	9 "	1.57
	10 "	1.65
	11 "	1.82
	12 "	1.95
	13 "	2.30
	14 "	2.45

Round and Flat Head Silver Capped Screws.—Continued.

⅞ Inch.

No.	6 @	1.21
	7 "	1.34
	8 "	1.47
	9 "	1.61
	10 "	1.69
	11 "	1.85
	12 "	2.00
	13 "	2.35
	14 "	2.50
	15 "	2.75
	16 "	3.10

1 Inch.

No.	6 @	1.27
	7 "	1.40
	8 "	1.53
	9 "	1.68
	10 "	1.75
	11 "	1.94
	12 "	2.10
	13 "	2.45

1 Inch.

No.	14 @	2.70
	15 "	2.95
	16 "	3.35

1¼ Inch.

No.	6 @	1.50
	7 "	1.55
	8 "	1.65
	9 "	1.80
	10 "	1.95
	11 "	2.10
	12 "	2.25
	13 "	2.60
	14 "	2.80
	15 "	3.24
	16 "	3.68
	17 "	4.00
	18 "	4.40

1⅛ Inch.

No.	7 @	1.88
	8 "	1.94

1⅛ Inch.

No.	9 @	2.05
	10 "	2.15
	11 "	2.38
	12 "	2.50
	13 "	2.85
	14 "	3.15
	15 "	3.50
	16 "	3.90
	17 "	4.40
	18 "	4.80
	20 "	5.85

1¾ Inch.

No.	7 @	2.15
	8 "	2.20
	9 "	2.30
	10 "	2.40
	11 "	2.55
	12 "	2.80
	13 "	3.12

1¾ Inch.

No.	14 @	3.45
	15 "	3.80
	16 "	4.10
	17 "	4.60
	18 "	5.10
	20 "	6.05

2 Inch.

No.	9 @	2.40
	10 "	2.50
	11 "	2.70
	12 "	3.00
	13 "	3.45
	14 "	3.75
	15 "	4.05
	16 "	4.40
	17 "	5.00
	18 "	5.40
	20 "	6.50

Stove Bolts.

1-4 INCH.

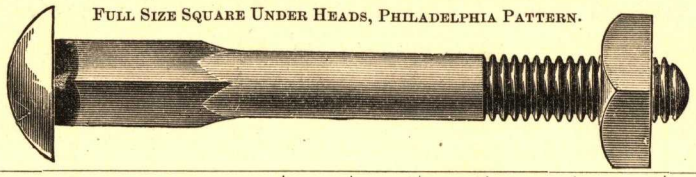
Length,	¾	1	1¼	1½	1¾	2
Per 100,	.65	.70	.75	.80	.85	.90
Length,			2¼	2½	2¾	3
Per 100,			.95	1.00	1.05	1.10

Plow Bolts.

Length.	3-8 Inch per 100.	7-16 Inch per 100.	1-2 Inch. per 100.
1¼	2.00	2.60	3.50
1½	2.10	2.75	3.70
1¾	2.20	2.90	3.90
2	2.30	3.05	4.10
2¼	2.40	3.20	4.30
2½	2.50	3.35	4.50
2¾	2.60	3.50	4.70
3	2.70	3.65	4.90
3¼	2.80	3.80	5.10
3½	2.90	3.95	5.30
3¾	3.00	4.10	5.50
4	3 10	4.25	5.70

Carriage and Tire Bolts.

FULL SIZE SQUARE UNDER HEADS, PHILADELPHIA PATTERN.



Length.	1-4	5-16	3-8	7-16	1-2	5-8
1¼ In. per 100,	2.40	2.70	3.60	5.40	7.20	- -
1½ " "	2.40	2.70	3.60	5.40	7.20	- -
1¾ " "	2.45	2.80	3.70	5.40	7 20	- -
2 " "	2.50	2.90	3.70	5.40	7.20	11.63
2¼ " "	2.55	3.00	3.82	5.55	7.40	12.00
2½ " "	2.60	3.10	3.95	5.70	7.60	12.37
2¾ " "	2.65	3.20	4.08	5.85	7.80	12.63
3 " "	2.70	3.30	4.20	6 00	8.00	13.00
3¼ " "	2.75	3.40	4.32	6.15	8.20	13.38
3½ " "	2.80	3.50	4.45	6.30	8.40	13.75
3¾ " "	2.85	3.60	4.58	6.45	8.60	14.12
4 " "	2.90	3.70	4.70	6.60	8.80	14.50
4¼ " "	2.95	3.80	4.83	6.75	9.00	14.88
4½ " "	3.00	3.90	4.95	6.90	9.20	15.25
4¾ " "	3 05	4.00	5.07	7.05	9.40	15.62
5 " "	3.10	4.10	5.20	7.20	9.60	16.00
5½ " "	3.20	4.30	5.45	7.50	10.00	16.75
6 " "	3.30	4.50	5.70	7.80	10.40	17.50
6½ " "	3.40	4.70	5.95	8.10	10.80	18.25
7 " "	3.50	4.90	6.20	8.40	11.20	19.00
7½ " "	- -	5.10	6.45	8.70	11.60	19.75
8 " "	- -	5.30	6.70	9.00	12.00	20.50
8½ " "	- -	5.50	6.95	9.30	12.40	21.25
9 " "	- -	5.70	7.20	9.60	12.80	22.00
9½ " "	- -	- -	7.45	9.90	13.20	22.75
10 " "	- -	- -	7.70	10.20	13.60	23.50
10½ " "	- -	- -	7.95	10.50	14.00	24.25
11 " "	- -	- -	8.20	10.80	14.40	25.00
11½ " "	- -	- -	- -	11.10	14.80	25.75
12 " "	- -	- -	- -	11.40	15 20	26.50
12½ " "	- -	- -	- -	- -	15.60	27.25
13 " "	- -	- -	- -	- -	16.00	28.00
14 " "	- -	- -	- -	- -	16.80	29.50

NO. 1 TIRE BOLTS.—FORGED NUTS, FINISHED POINTS.

Length.	3-16 and 1-4	5-16	3-8
1¼ Inch per 100	1.90	2.70	3.60
1½ " "	1.90	2.70	3.60
1¾ " "	1.95	2.85	3.70
2 " "	2.00	2.90	3.70
2¼ " "	2.05	3.00	3 82
2½ " "	2.10	3.10	3.95
2¾ " "	2.15	3.20	4.08
3 " "	2.20	3.30	4.20
3¼ " "	2.25	3.40	4.32
3½ " "	2.30	3.50	4.45
4 " "	2.40	3.70	4.70
4½ " "	2.50	3.90	4.95
5 " "	2.60	4.10	5.20

Sleigh Shoe Bolts, same List as Tire Bolts.

Common Carriage Bolts.

Length.	1-4	5-16	3-8	7-16	1-2	9-16 and 5-8
1	2.40	- -	- -	- -	- -	- -
1¼	2.40	- -	- -	- -	- -	- -
1½	2.40	3.00	- -	- -	- -	- -
1¾	2.45	3.10	- -	- -	- -	- -
2	2.50	3.20	4.00	6 00	7.25	- -
2¼	2.55	3.30	4.15	6.20	7.50	- -
2½	2.60	3.40	4.30	6.40	7.75	- -
2¾	2.65	3.50	4.45	6.60	8.00	- -
3	2.70	3.60	4.60	6.80	8.25	15.00
3¼	2.75	3.70	4.75	7.00	8.50	15.40
3½	2 80	3.80	4.90	7.20	8.75	15.80
3¾	2.85	3.90	5.05	7.40	9.00	16.20
4	2.90	4.00	5.20	7 60	9.25	16.60
4¼	2.95	4.10	5.35	7.80	9.50	17.00
4½	3.00	4.20	5.50	8.00	9.75	17.40
4¾	3.05	4.30	5.65	8.20	10.00	17.80
5	3.10	4.40	5 80	8.40	10.25	18 20
5½	3.20	4.60	6.10	8.80	10.75	19.00
6	3.30	4.80	6.40	9.20	11.25	19.80
6½	3.40	5.00	6.70	9.60	11.75	20.60
7	3.50	5.20	7.00	10.00	12.25	21.40
7½	- -	5.40	7.30	10.40	12.75	22.20
8	- -	5.60	7.60	10.80	13.25	23.00
8½	- -	5.80	7.90	11.20	13.75	23.80
9	- -	6.00	8.20	11.60	14.25	24.60
9½	- -	6.20	8 50	12.00	14.75	25.40
10	- -	6.40	8.80	12.40	15.25	26.20
11	- -	- -	9.40	13.20	16.25	27.80
12	- -	- -	10.00	14.00	17.25	29.40
13	- -	- -		14.80	18.25	31.00
14	- -	- -		15.60	19.25	32.60
15	- -	- -			20.25	34.20
16	- -	- -			21.25	35.80

Coach or Log Screws.

PRICE PER HUNDRED.

DIAMETER.	LENGTH.						
	1 1-2	1 3-4	2	2 1-4	2 1-2	2 3-4	3 in.
1-4 - - - - - - - - -	2.60	2.65	2.70	2.75	2.80	2.85	2.90
5-16 - - - - - - - - -	2.70	2.75	2.80	2.85	2.90	2.95	3.00

PRICE PER POUND.

3-8 × 3 inches and longer, - - .20
7-16 × 3 " " - - .18
1-2 × 3 " " - - .15
9-16 × 3 inches and longer, - - .14
5-8 × 3 " " - - .13
3-4 and larger, by 3 in. and longer, .12

Shorter than 3 Inches, 2 cents per pound advance.

Norway Sleigh Shoe Bolts, same List as Tire Bolts.
Elliptic and Cone Head Bolts, " " Philadelphia Carriage Bolts.

Philadelphia Carriage and Tire Bolts.

Norway Iron, with Forged Nuts, Turned Heads and Finished Points.

Length.	3-16 and 1-4 Inch.	5-16 In.	3-8 In.	7-16 In.	1-2 Inch.
1 In. per 100,	2·50	3.20	4.55	5.60	7.64
1¼ " "	2.65	3.20	4.55	5.60	7.64
1½ " "	2.80	3.20	4.55	5.60	7.64
1¾ " "	2.95	3.35	4.55	5.60	7.64
2 " "	3.10	3.50	4.55	5.60	7.64
2¼ " "	3.24	3.64	4.74	5.77	7.85
2½ " "	3.36	3.78	4.90	5.95	8.06
2¾ " "	3.50	3.92	5.08	6.12	8.27
3 " "	3.65	4.06	5.25	6.30	8.48
3¼ " "	3.78	4.20	5.43	6.48	8.69
3½ " "	3.92	4.34	5.60	6.65	8.90
3¾ " "	4.06	4.48	5.78	6.83	9.11
4 " "	4.20	4.62	5.98	7.00	9.34
4¼ " "	4.34	4.76	6.14	7.18	9.55
4½ " "	4.48	4.90	6.30	7.35	9.76
5 " "	4.75	5.20	6.68	7.70	10.18
5½ " "	5.02	5.48	7.00	8.05	10.60
6 " "	5.30	5.75	7.35	8.40	11.02
6½ " "	- -	6.02	7.80	8.75	11.44
7 " "	- -	6.30	8.05	9.12	11.88
7½ " "	- -	6.58	8.40	9.45	12.30
8 " "	- -	6.86	8.75	9.80	12.72
8½ " "	- -	- -	9.10	10.15	13.14
9 " "	- -	- -	9.45	10.50	13.65
9½ " "	- -	- -	- -	10.85	14.00
10 " "	- -	- -	- -	11.20	14.42
10½ " "	- -	- -	- -	11.55	14.84
11 " "	- -	- -	- -	11.90	15.26
11½ " "	- -	- -	- -	- -	15.68
12 " "	- -	- -	- -	- -	16.12

TIRE BOLTS.

Length.	1-8 and 3-16 In.
1¼ in.	1.50
1½ "	1.50
1¾ "	1.50
2 "	1.50
2¼ "	1.50
2½ "	1.50
2¾ "	1.50
Length.	**1-4 In.**
1¼ in.	1.68
1½ "	1.68
1¾ "	1 68
2 "	1.68
2¼ "	1.68
2½ "	1.68
2¾ "	1.75
3 "	1.82
Length.	**5-16 In.**
1½ in.	2.24
1¾ "	2.32
2 "	2.41
2¼ "	2.50
2½ "	2.58
2¾ "	2.66
3 "	2.74
3¼ "	2.82
3½ "	2.90
3¾ "	2.98
4 "	3.06
4½ "	3.22

Machine Bolts, with Square Heads.

Length.	1-4 in.	5-16 in.	3-8 in.	7-16 in.	1-2 in.	9-16 in.	5-8 in.	3-4 in.
1½ Inch	2.90	3.00	3.25	3.70	4.60	5.30	6.50	10.20
1¾ "	2.95	3.05	3 35	3.80	4.75	5.45	6.70	10.45
2 "	3.00	3.10	3.45	3.90	4.90	5.60	6.90	10.70
2¼ "	3.05	3.15	3.55	4.00	5.05	5.75	7.10	10.95
2½ "	3.10	3.20	3.65	4.10	5.20	5.90	7.30	11.20
2¾ "	3.15	3.25	3.75	4.20	5.35	6.05	7.50	11.45
3 "	3.20	3.30	3.85	4.30	5.50	6.20	7.70	11.70
3¼ "	3.25	3.35	3.95	4.40	5.65	6 35	7.90	11.95
3½ "	3.30	3.40	4.05	4.50	5 80	6.50	8.10	12.20
4 "	3.40	3.50	4.25	4.70	6.10	6.80	8.50	12.70

PRICE PER POUND.

	3-8 in.	7-16	1-2	9-16	5-8	3-4
4¼ to 6 Inches	.20	.18	.15	.14	.13	.12
6¼ to 12 "	.18	.16	.13	.13	.12	.11
Over 12 "	.16	.14	.12	.12	.11	.10

⅞ and 1 Inch, from 2 to 4 inches long, - - - - - - - - - 16 cents.
" " 4¼ Inch and larger, same as ¾ Inch.
Bolts with Hexagon Heads or Hexagon Nuts, - - - - - - 10 per cent extra.
If Both " " and " " - - - - - - 20 " "

Square Nuts.

Standard List of Cold Punched, Hot Pressed and Machine Forged.

Size Square.	Thickness.	Diameter of Hole.	Size of Bolt.	Price per lb.	Average number in 100 pounds.
11/32	5/32	3/32	1/8	50 cts.	30,000
13/32	3/16	5/32	3/16	30 "	15,000
1/2	1/4	7/32	1/4	23 "	7,500
5/8	5/16	9/32	5/16	20 "	4,400
3/4	3/8	11/32	3/8	17 "	2,500
7/8	7/16	3/8	7/16	14 "	1,300
7/8	7/16	7/16	1/2		1,400
1	1/2	7/16	1/2		1,000
1 1/8	1/2	1/2	1/2	12 "	1,000
1 1/8	1/2	1/2	9/16		595
1 1/8	5/8	9/16	5/8		590
1 1/4	5/8	9/16	5/8	11 1/2 "	500
1 1/4	3/4	21/32	3/4		430
1 1/2	3/4	21/32	3/4		295
1 1/2	7/8	25/32	7/8	11 "	260
1 3/4	1	29/32	1		130
2	1 1/8	1	1 1/8		95
2 1/4	1 1/4	1 1/8	1 1/4		68
2 1/2	1 3/8	1 3/16	1 3/8	12 "	55
2 3/4	1 1/2	1 5/16	1 1/2		48
3	1 5/8	1 7/16	1 5/8	12 1/2 "	32
3 1/4	1 3/4	1 9/16	1 3/4		27
3 1/2	1 7/8	1 11/16	1 7/8	14 "	24
3 3/4	2	1 13/16	2		21

Hexagon Nuts.

Size Square.	Thickness.	Diameter of Hole.	Size of Bolt.	Price per lb.	Average number in 100 pounds.
1/2	1/4	7/32	1/4	35 cts.	9,000
5/8	5/16	9/32	5/16	30 "	4,600
3/4	7/16	11/32	3/8	24 "	3,200
7/8	1/2	7/16	1/2	20 "	1,260
1	1/2	7/16	1/2		1,100
1	9/16	1/2	9/16	18 "	780
1 1/8	5/8	9/16	5/8		685
1 1/4	5/8	9/16	5/8		620
1 1/4	3/4	21/32	3/4	16 1/2 "	585
1 1/2	7/8	25/32	7/8		290
1 3/4	1	7/8	1		152
2	1 1/8	1 5/16	1 1/8	16 "	115
2 1/4	1 1/4	1 1/16	1 1/4		80
2 1/2	1 1/2	1 3/16	1 3/8		65
2 3/4	1 3/8	1 5/16	1 1/2	17 "	60
3	1 3/4	1 7/16	1 5/8		55
3 1/4	1 7/8	1 9/16	1 3/4	17 1/2 "	34
3 1/2	2	1 11/16	1 7/8		26
3 1/2	2	1 13/16	2	19 "	24

Boonton Hot Pressed Nuts.

Size Bolt.	3-8	7-16	1-2	9-16	5-8	3-4	7-8	1	1 1-8	1 1-4	1 3-8	1 1-2	1 5 8	1 3-4
Square, per lb.	20	16	14	12	12	11 1-2	11	11	11	12	12	12	12 1-2	14
Hexagon "	30	22	20	18	18	16 1-2	16	16	16	17	17	17	17 1-2	17 1-2

AVERAGE CONTENTS OF KEG OF 100 POUNDS BOONTON NUTS.

Size Bolt.	3-8	1-2	5-8	3-4	7-8	1	1 1-8	1 1-4	1 1-2
Number of Square Nuts,	3,200	1,100	550	375	230	150	98	70	45
Number of Hexagon Nuts,	3,600	1,250	650	415	255	170	110	80	55

Washers.

STANDARD LIST.

Outside Diameter.	Size of Hole.	Thickness Wire Gauge.	Size of Bolt.	Price per Pound.
1-2	1-4	No. 18	3-16	.34
5-8	5-16	" 16	1-4	.32
3-4	5-16	" 16	1-4	.28
7-8	3-8	" 16	5-16	.24
1	7-16	" 14	3-8	.20
1 1-4	1-2	" 14	7-16	.16
1 3-8	9-16	" 12	1-2	
1 1-2	5-8	" 12	9-16	
1 3-4	11-16	" 10	5-8	.15
2	13-16	" 10	3-4	
2 1-4	15-16	" 9	7-8	
2 1-2	1 1-16	" 9	1	.14
2 3-4	1 1-4	" 9	1 1-8	
3	1 3-8	" 9	1 1-4	
3 1-2	1 1-2	" 9	1 3-8	

Clips.

SUPERIOR AXLE.

To No. 3, Inclusive, 5-16 Inch Shanks. Larger Sizes 3-8 Inch Shanks.

Nos.	0	1	2	3	4	5	6
Length flat part,	2½	3	3½	4	4½	5	6
Per doz.,	.70	.70	.70	.78	.97	1.20	1.50

LIGHT NORWAY IRON AXLE CLIPS.

For Light Buggies. Flat Part, 5-8 Inch Wide. Shank, 1-4 Inch.

Nos.	00	0	1	2	3	4
Length flat part,	2	2½	3	3½	4	4½
Per doz.,	.80	.80	.80	.80	.85	1.00

Flat Part, 1 Inch Wide. Shank, 5-16 Inch.

Nos.	0	1	2	3	4	5
Length flat part,	2½	3	3½	4	4½	5
Per doz.,	.80	.80	.80	.85	1.00	1.15

Spring Bar Clips.

Flat Part, 5-8 Wide. Shank, 5-16 Inch.

Nos.	0	1	2	3	4	5	6
Length flat part,	4½	4¾	5¼	5⅝	6⅜	7	7¾
Per doz.,	1.00	1.15	1.22	1.30	1.45	1.65	1.85

Wrought Iron Felloe Plates.

All sizes for ¾ Inch to 2 Inch Rims, - - - - - - - - - per pound, .12

Wrought Iron Clip Yokes, all sizes, - - - - - - - - " .12
" " " Beveled Edges, - - - - - - - " .14

Shaft Couplings.

NORWAY IRON, MILLED JOINTS.

		Black.	Bright.
Extra Light, ⅞ Inch,	per doz. pairs,	11.25	13.25
Boston, 1 " Light,	" "	11.25	13.25
New York, 1 " Heavy,	" "	11.75	13.75
Baltimore, 1⅛ "	" "	12.50	14.50
Philadelphia, No. 2, 1¼ Inch,	" "	14.50	16.50
" " 1, 1½ "	" "	17.00	19.00
St. Louis, 2 Inches, heavy,	" "	50.00	

PLAIN SHAFT COUPLINGS.

		Black.	Bright.
No. 2 Plain, Eye, 1 Inch × ⅞ Inch,	per doz. pairs,	8.75	10.50
No. 1 " " " × 1 "	" "	9.50	11.25
Extra Large, Plain, Eye, 1½ × 1⅛ Inch,	" "	16.00	18.00

Carriage Circles or Fifth Wheels.

Plain, all Diameters, ⅝ inch, - - - - - per doz., ¾ inch, per doz.,
Derby, with Clip, all Diameters, ⅝ inch, - - " ¾ Inch, "

Fifth Wheel Anti-Rattlers, ⅝ and ¾, - - - - - - - - " 5.00

Clip King Bolts.

		Plain.	Excelsior.
No. 1.	For Light Buggies, ½ Inch at Collar, - - per doz.,		
No. 2.	For Ordinary " 9-16 " " - - "		
No. 3.	For Heavy Wagons, ⅝ " " - - "		

SHAFT AND WHIFFLETREE BOLTS,

SADDLE CLIPS, | SHAFT RUBBERS,

STUMP JOINTS, | LINING NAILS,

PERCH AND BED PLATES, | WHIP SOCKETS.

A FULL ASSORTMENT OF ABOVE GOODS, OF MOST APPROVED MAKES, INCLUDED IN MY STOCK OF CARRIAGE HARDWARE.

MALLEABLE IRON CARRIAGE AND WAGON HARDWARE,

AN EXTENSIVE ASSORTMENT.

Illustrated Catalogues on Application.

Boxes.

WAGON BOXES, GROUND.

Inch,	2	2¼	2½	2¾	3	3¼	3½	3¾	4
Per set,	.30	.35	.40	.45	.55	.65	.75	.85	.95

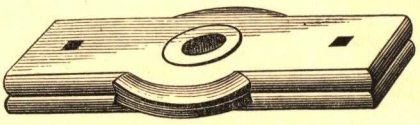
CART BOXES, GROUND.

Inch,	4¼	4½	4¾	5	5½	5¾	6
Per set,	.60	.65	.75	.85	.95	1.05	1.15

Skeins and Boxes.

2 Inch Skein,	6 Inch	Box,	per set,	3.50
2 "	6½	"	"	3.50
2¼ "	7	"	"	3.50
2¼ "	7½	"	"	3.70
2½ "	7½	"	"	4.00
2½ "	8	"	"	4.15
2¾ "	8	"	"	4.50
2¾ "	9	"	"	5.00
3 "	9	"	"	5.75
3¼ "	9	"	"	6.25
3 "	10	"	"	6.50
3 "	11	"	"	7.00
3¼ "	10	"	"	7.00
3¼ "	11	"	"	7.25
3½ "	10	"	"	7.25
3¾ "	10	"	"	7.50
3½ "	11	"	"	7.50
3½ "	12	"	"	7.75
3¾ "	11	"	"	8.00
3¾ "	12	"	"	8.25
4 "	11	"	"	9.00
4 "	12	"	"	9.50

Bolster Plates.



Nos.	1	2	3
Inch,	2×8	2½×9	3×11
Per doz.,	6.00	8.00	10.00

Blacksmiths' Bellows.

COMMON BELLOWS.

Width, Inches,	24	26	28	30	32	34	36	38	40
Price each,	8.50	9.00	10.00	11.00	13.00	15.00	17.00	19.00	21.00

EXTRA BELLOWS.

SELECTED HEAVY STOCK.

Width, Inches,	24	26	28	30	32	34	36	38	40
Price each,	10.00	11.00	13.00	15.00	17.00	18.00	21.00	24.00	27.00

Blacksmiths' Bellows.—Continued.

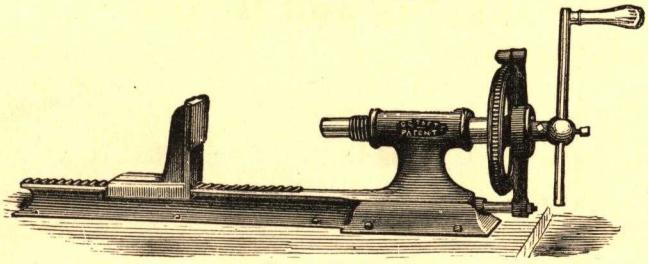
ALBANY BELLOWS.

No 1 QUALITY.				EXTRA QUALITY.			
Width, Inches,	32	34	36	Width, Inches,	32	34	36
Price each,				Price each,			

Moulders' Bellows, - - - - - - - - - - - - - - - per doz.,

Drills.

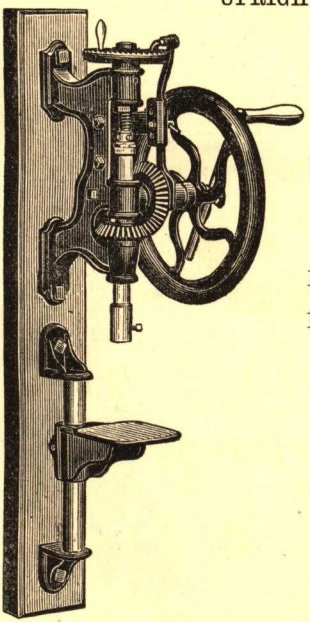
BLACKSMITHS' DRILLS.



CUT OF No. 2.

No. 1. Common, - - - - - - - - - - - - - - - - each, 3.00
No. 2. Self Feeding, 33 inches long, weight 45 pounds, - - - " 10.00
No. 2. With Balance Wheel, - - - - - - - - - - - - " 13.00

UPRIGHT SELF FEEDING DRILLS.

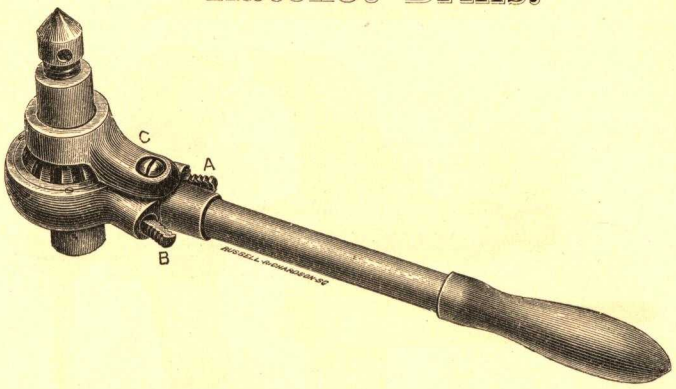


No. 1. Drills from $\frac{1}{8}$ in. to $\frac{3}{4}$ in. hole, length 42 inches, weight 95 pounds, - - - each, 28.00
No. 2. Drills from $\frac{1}{8}$ in. to 1 in. hole, length 54 inches, weight 160 pounds, - - - - - 48.00

BREAST DRILLS.

Barber's, with adjustable Chuck, - - - - - - - - - - each, 2.50
Double Geared, with 4 C. S. Drills, - - - - - - - - - " 4 00

Ratchet Drills.

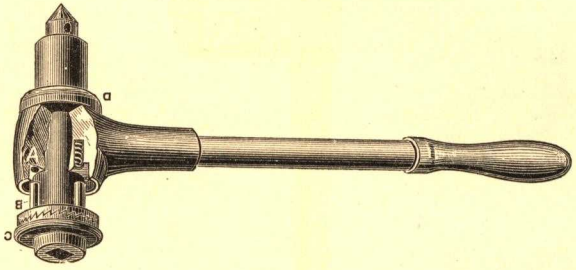


UNIVERSAL RATCHET DRILL.

Can be operated in any angle, is either right or left hand, and can be used as a Tap Wrench.

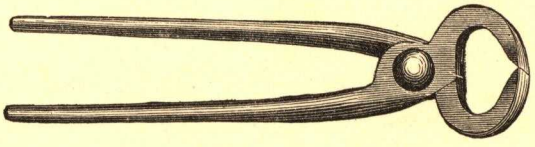
Nos.	1	2	3	4
Length, Inch,	10	12	14	16
Each,	10.00	11.00	12.00	13.00

CHAMPION RATCHET DRILL.



Nos.	1	2	3	4	5	6
Length of Lever, Inch,	10	11	12	13	14	16
Each,	9.25	10.00	10.75	11.50	12.25	13.00

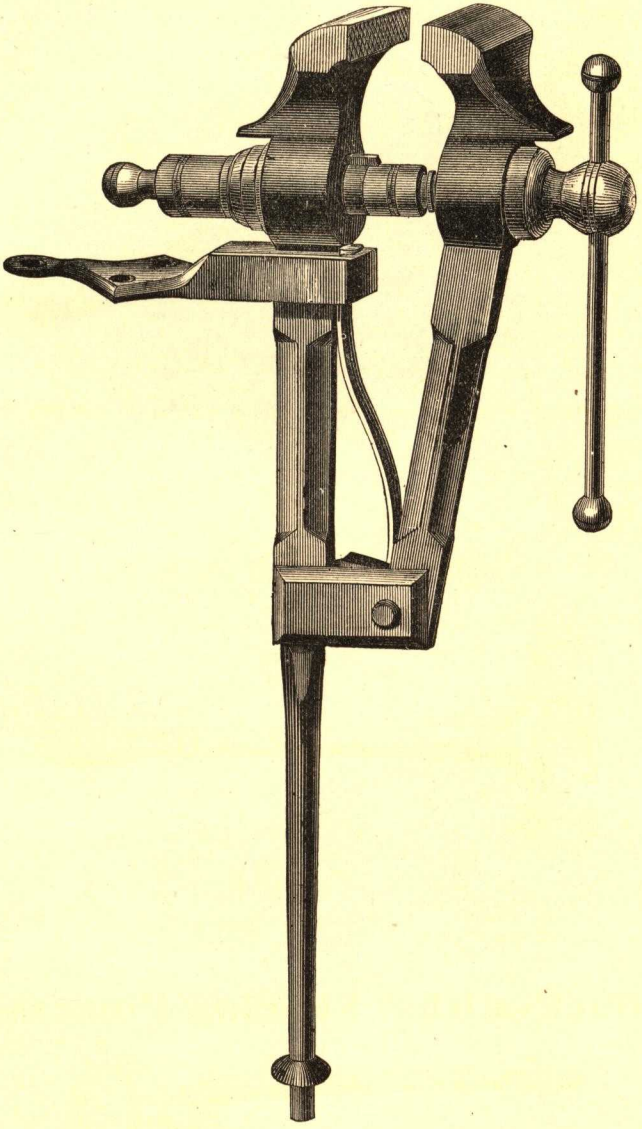
Blacksmiths' Shoeing Pincers.



WROUGHT, WITH POLISHED STEEL JAWS.

14 Inch, - per doz., 12.00

Vises and Anvils.

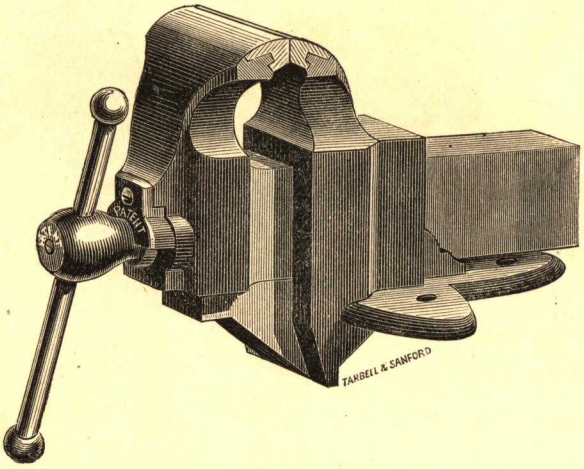


Vises, American Solid Box, - - - - - - - - - - - - per lb.,
" Peter Wright's Solid Box, - - - - - - - - - - - - "

Anvils, Peter Wright's, under 250 pounds, - - - - - - - - "
" " " over 250 pounds, - - - - - - - - "
" Cast, Steel Faced, all weights, - - - - - - - - - "

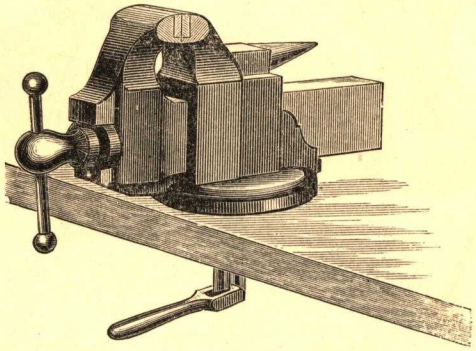
Parker's Patent Vises.

Parker's Patent Vises are made with wrought iron strengtheners within the slide of each vise, and are fitted with adjustable collars, causing the jaws to open and shut upon the slightest movement of the handle. The handle is held in any position or angle by a patent adjustable spring.



PARALLEL VISES—ROUND JAWS.

Nos.	000	1	2	3	4	5	6
Length of Jaws,	3¼	3⅝	4¼	4¾	5⅝	6½	8½
Weight,	23	31⅓	41½	59½	83	120	237
Each,	6.25	7.00	9.00	11.75	16.25	24.00	50.00

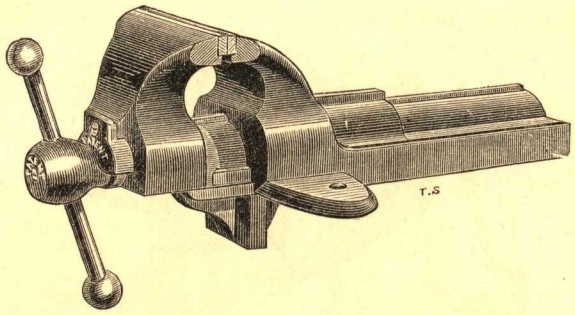


PARALLEL SWIVEL VISES—ROUND JAWS.

Swivel Vises, with the exception of Nos. 23 and 24, have Parker's Patent Cast Steel Anvils.

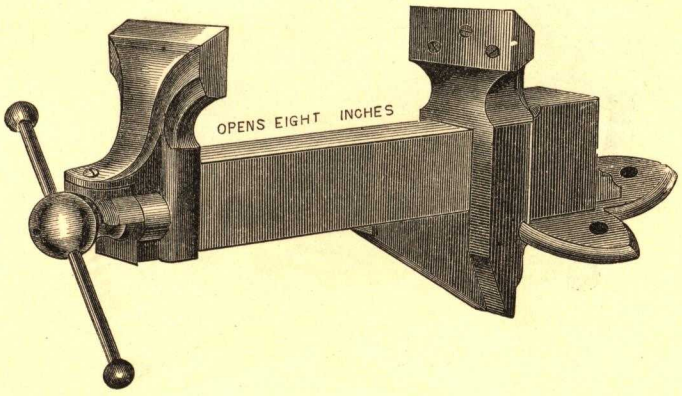
Nos.	19	20	21	22	23	24
Length of Jaws,	1¾	2¼	3⅓	3⅝	4¼	4¾
Weight,	7½	8¼	23	35	48	63½
Each,	4.00	5.00	7.00	8.75	11.00	14.50

Vises.—Continued.



OVAL SLIDE VISES.

Nos.	30	31	32	33	34	35	36
Length of Jaws,	2⅝	3	3¼	3½	4	4½	5
Weight,	8½	13	19	22	24	35	59
Each,	2.50	3.00	4.25	4.75	6.50	9.50	12.00



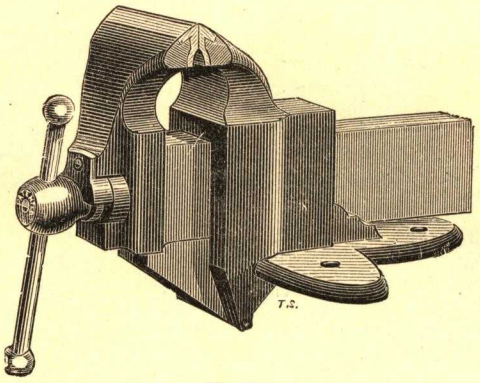
No. 40.

COACHMAKERS' VISES.

4 Inch Jaws. Open 8 Inches.

No. 40. Plain, - - - each, 10.25 No. 46. Swivel, - - each, 12.50

Vises.—Continued.

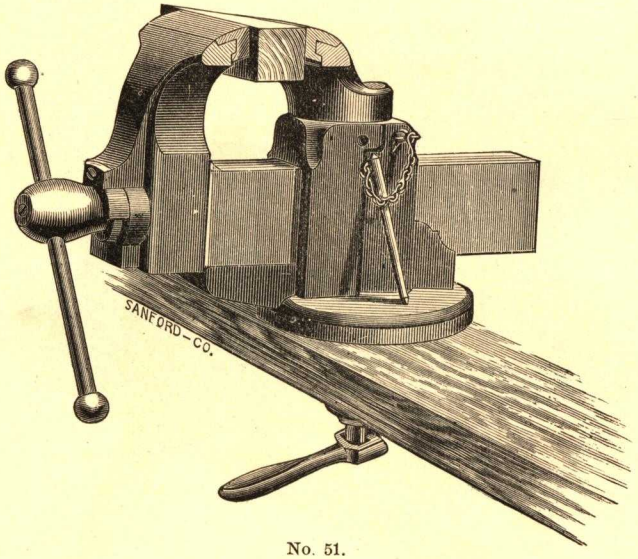


No. 42.

FILERS' VISES.

4 INCH JAWS. WEIGHT 35 AND 37 POUNDS.

No. 42. Plain, - - - each, 7.25 No. 44. Swivel, - - - each, 8.75



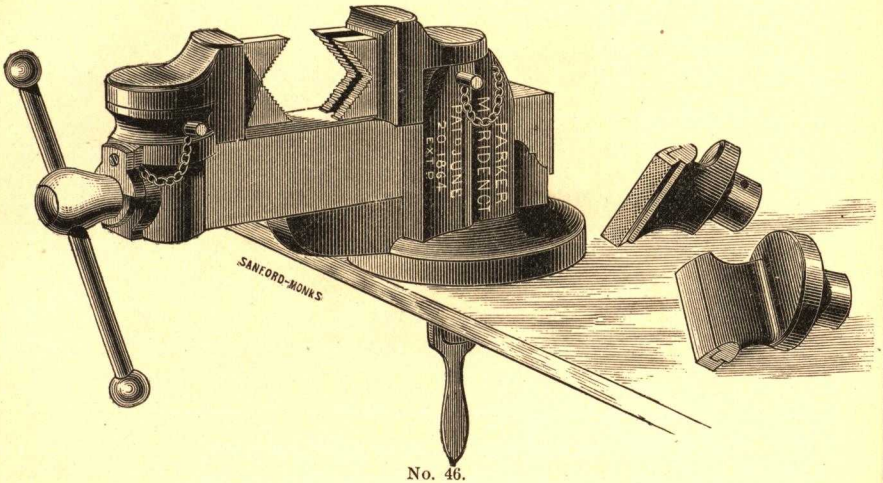
No. 51.

SWIVEL JAW VISES.

Nos.	50	51	52
Length of Jaws,	3⅜	4½	4⅘
Weight,	46	58	62
Each,	10.50	12.50	13.00

Nos. 50, 51 and 52 can be swiveled on the bench; the front jaw in 50 and 52 and the back jaw in 51 can also be swiveled.

Vises.—Continued.

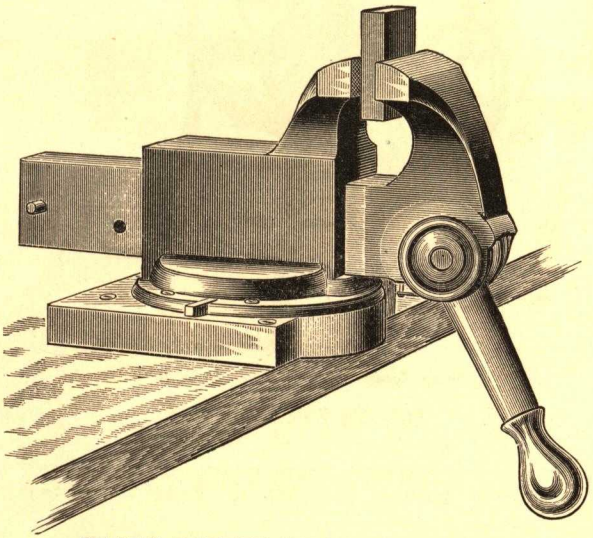


No. 46.

PIPERS' VISE.

With Interchangeable Jaws.

No. 86. Round and Pipers' Jaws, weight 76 pounds, - - - - - each, 14.75



HALL'S PATENT SUDDEN GRIP VISE.

With Patent Self-Acting Swivel.

Inch,	2	3	4
Each,	5.00	8.50	12.50

Vises.—Continued.

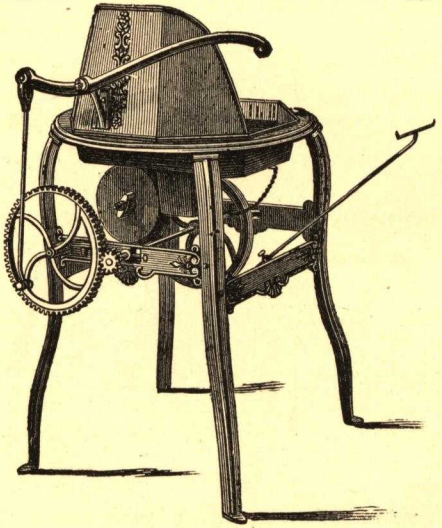
PARALLEL AND SWIVEL VISES.

Without Parker's Improvements—Painted Green.

These Vises correspond, in length of Jaws and weight, to Parker's Vises, but are made without the Wrought Iron Strengthener and other patented improvements.

PARALLEL.				SWIVEL.			
No.	Length of Jaw.	Weight.	Each.	No.	Length of Jaw.	Weight.	Each.
0000	3¼	23	5.50	2000	2¼	8½	4.00
100	3⅝	31½	6.50	2100	3⅛	23	6.25
200	4¼	41½	8 50	2200	3⅝	35	8.00
300	4⅝	59½	10.75	2300	4¼	48	10.00
400	5⅛	83	16.00	2400	4⅝	63½	13.25
500	6⅛	120	23.75	4600	4 (Opens 8 inches. Coach Vise.)		12.50
4000	4 (Opens 8 inches. Coach Vise.)						

Empire Portable Forges.



CUT OF FORGE WITHOUT HOOD OR DOORS.

FORGES FOR SHOP USE.

WITHOUT HOOD OR DOORS.

No.	Fan.	Diameter.	Height.	Weight.	For hand.	For power.
0	7 Inch.	1–10	3–4	1:0 lbs.	30.00	35.00
1	7 "	2–1	3–6	140 "	35.00	40.00
2	8 "	2–2	3–9	230 "	45.00	50.00
3	8 "	2–7	4–0	245 "	55.00	60.00

Empire Portable Forges.—Continued.

FORGES FOR SHOP USE.

WITH HOOD AND DOORS COMPLETE.

No.	Fan.	Diameter.	Height.	Weight.	For hand.	For power.
0	7 Inch.	1–10	3–10	160 lbs.	35.00	40.00
1	7 "	2–1	4–0	170 "	40.00	45.00
2	8 "	2–3	4–3	270 "	50.00	55.00
3	8 "	2–7	4–6	285 "	60.00	65.00

FORGES FOR TRANSPORTATION.

WITHOUT HOOD OR DOORS.

Mounted on Wheels. Geared for Hand.

No.	Fan.	Diameter.	Height.	Weight.	Each.
0	7 Inch.	1–10	3–4	150 lbs.	40.00
1	7 "	2–1	3–6	160 "	45.00
2	8 "	2–3	3–9	250 "	55.00
3	8 "	2–7	4–0	265 "	65.00

WITH HOOD AND DOORS COMPLETE.

Mounted on Wheels. Geared for Hand.

No.	Fan.	Diameter.	Height.	Weight.	Each.
0	7 Inch.	1–10	3–10	180 lbs.	45.00
1	7 "	2–1	4–0	190 "	50.00
2	8 "	2–3	4–3	290 "	60.00
3	8 "	2–7	4–6	305 "	70.00

No. 10. WROUGHT IRON LEGS.

Geared for Hand.

7 Inch Fan; 1 Foot 8 Inches Diameter; 3 Feet, 2 Inches Height: Weight, 90 pounds, - 27.00

No. 15. ARMY FORGE.

7 Inch Fan; 18×16 Fire Pan; 30 Inches high; Weighs 75 pounds; packed in iron-bound Chest, - - - - - - - - - - - - - - - - - - 50.00

Descriptive Catalogue, with Illustrations of each kind of Forge, sent on application.

Weston's Patent Differential Pulley Blocks.

One man can raise 1,000 pounds and the weight will remain suspended at any point. Adapted to any trade or business where heavy weights are to be lifted. About four feet of chain required for every foot of lift.

Block tested to	No. feet Chain in each Block.	Price per set.	Price for additional Chain, per foot.
¼ Ton.	26 Feet.	20.00	30 Cents.
½ "	26 "	25.00	30 "
1 "	30 "	30.00	40 "
1½ "	34 "	40.00	45 "
2 "	38 "	50.00	50 "
3 "	38 "	70.00	50 "
WITH SPROCKET WHEEL.			
2 Ton.	30 Feet.	75.00	50 Cents.
3 "	30 "	100.00	50 "
4 "	30 "	125.00	50 "
5 "	50 "	200.00	60 "
6 "	50 "	300.00	70 "
8 "	50 "	400.00	75 "
10 "	50 "	500.00	80 "

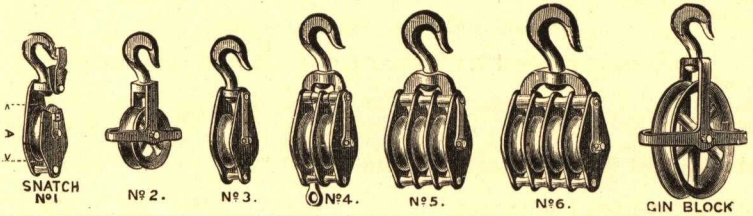
Rope, Extra.

In ordering, specify height of lift or length of chain wanted. When worked with Sprocket Wheel, it takes about three times the length of lift. When worked by pulling the Chain, about four times the length of lift is required.

Rope Blocks, Wrought Iron.

LONDON PATTERN—TURNED SHAFTS.

The actual width of Groove is about ⅛ Inch greater than named on List, to allow for new Rope being larger.



	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.
Diameter of Sheave	2½	3½	4	4¾	5	6	7	8	9
	×	×	×	×	×	×	×	×	×
Width of Groove	¾	½	⅝	¾	⅞	1	1¼	1⅜	1¾
Price of Snatch Block	2.75	2.75	3.20	3.90	5.30	6.15	8.10	10 60	15.75
Weight of " lbs.	1½	3¾	6¼	9¾	13	10	23	38	48
Price of 1 Sheave Block Pattern, No. 2 or 3	1.80	2.00	2.65	3.40	4.60	5.30	6.90	9.30	14.80
Weight of 1 Sheave Block Pattern, No. 2 or 3 lbs.	1¼	3⅜	4½	8½	14	15	21	35	44
Price of 2 Sheave Block	2.50	3.20	3.90	5.00	7.00	7.75	12.00	17.50	24.60
Weight of " lbs.	2	5½	9¼	14½	20	26	38	60	79
Price of 3 Sheave Block	3.20	3.90	4.80	6.40	9.00	9.85	15.00	24.00	34.50
Weight of " lbs.	3	7¼	11	19	28	36	49	80	107
Price of 4 Sheave Block	3.90	4.60	5.70	8.50	11.70	13.00	22.60	31.00	45.50
Weight of " lbs.	4	7½	12	24	36	48	67	109	140

Gin Blocks, - - - - - - - - - - 10 in., 4.90; 12 in., 6.00; 14 in., 6.40; 16 in., 8.10

Chain.

JACK CHAIN.

PRICE PER DOZEN YARDS.

Nos.	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Iron,	1.90	1.65	1.40	1.20	.90	.75	.65	.55	.50	.45	.42	.40	.38	.36	.34
Brass,	5.25	4.50	3.75	3.20	2.50	2.05	1.70	1.40	1.25	1.10	1.00	.85	.70	.60	.55

BRIGHT COIL CHAIN.

Nos.	4-0	3-0	2-0	0	1	2	3	4	5	6
Per 100 feet,	8.50	5.75	5.00	4.40	3.90	3.70	3.55	3.40	3.35	3.30

BRIGHT HALTER CHAINS, 4 1-2 FEET.

Nos.	3-0	2-0	0	1	2	3	4	5	6	7	8
Per doz.,	3.80	3.35	2.90	2.50	2.35	2.25	2.15	2.10	2.05	2.05	2.05

COIL CHAIN.

BLACK OR SELF COLORED.

Inch,	3-16	1-4	5-16	3-8	7-16	1-2	5-8	3-4
Straight,	per lb.,							
Twisted,	"							

Proof Chain c. per pound advance.

BEST QUALITY B. B. CRANE CHAIN.

Inch,	3-16	1-4	5-16	3-8	7-16	1-2	5-8	3-4
Straight,	per lb.,							

AVERAGE WEIGHT OF COIL CHAIN PER 100 FEET.

Inch,	3-16	1-4	5-16	3-8	7-16	1-2	5-8	3-4
Weight,	46	75	150	170	225	277	393	607

Real Japanned Twisted Cemetery Chain, 3-16 - - - - per lb.,

Bright Ox and Log Chain, Inch, - - - - - - 5-16 3-8 7-16 1-2
Per lb., - - - - - - - - - - - -

Bright Binding Chain, Inch, - - - - - - - - - - - - 5-16 3-8
Per lb., -

TRACE CHAINS.

WITH HOOK OR RING.

	Straight.	Twisted.
No. 2, wire, 6½ feet long, 10 links to the foot,	per pair,	
No. 3, " 6½ " " 10 "	"	"
No. 2, " 7 " " 10 "	"	"
No. 3, " 7 " " 10 "	"	"
No. 2, " 3½ " " 10 "	"	"
Rung Chains, 7 feet long, with Hook and Ring,	"	

Machine Oilers.

Nos.	0	1	2	3	4
Stamped Tin,	.92	1.17	1.50	1.75	
Zinc, Brass Bottoms,	1.17	1.34	1.75	2.00	2.34
Brass and Copper,		2.25	2.50	3.00	3.50

Mowing Machine Oilers, Tin, - - - - - - - - - - - - - per doz., 1.75
Hanck's Hemispherical Oilers, Zinc. No. 1, 4.00. No. 2 - - " 6.00
Malleable Iron " - - - - - - - - - - - - - " 5.00
Wrought " " - - - - - - - - - - - - - " 5.00

Cordage.

Manila Rope, ½ inch and larger, - - - - - - - - - - - per lb.,
" " 6 and 9 Thread (1-4 and 5-16), - - - - - - - "
" " 12 " (3-8 in.), - - - - - - - - - "
" Hay Rope, 2, 3 and 4 Thread, - - - - - - - - - "
" Tarred Rope, - - - - - - - - - - - - - - - "

Sisal Rope, ½ inch and larger, - - - - - - - - - - - "
" " 6 and 9 Thread (1-4 and 5-16), - - - - - - - "
" " 12 " (3-8), - - - - - - - - - - "

Jute Rope, all sizes, - - - - - - - - - - - - - - - "

Flax " " - - - - - - - - - - - - - - - - "

American Hemp Rope, all sizes, - - - - - - - - - - - "

American Tarred Rope, - - - - - - - - - - - - - - "

Marline, - - - - - - - - - - - - - - - - - - - "

Packing, - - - - - - - - - - - - - - - - - - - "
" Jute, - - - - - - - - - - - - - - - - - - "
" Italian, - - - - - - - - - - - - - - - - - "

Bed Cords, Jute, Sisal, Manila, Hemp.

Clothes Lines, Jute, Sisal, Manila, Hemp, Cotton.

ROPE TABLE.

Size Diameter.	Strain borne by new rope, lbs.	Average length in coil.	Average weight per coil.	
1-4 Inch, - -	For Ropes in use deduct ⅓ to allow for chafing.	1,000	25	About 40 feet to pound.
5-16 " - -		1,000	35	" 30 " "
3-8 " - -		1,000	45	" 22 " "
1-2 " - -		840	60	" 14 " "
9-16 " - -		840	80	" 10 " "
5-8 " - -	2,720	840	115	" 7 " "
3-4 " - -	3,000	840	140	" 6 " "
7-8 " - -	4,000	840	210	" 4 " "
1 " - -	6,000	840	250	" 3½ " "
1 1-4 " - -	7,000	840	345	" 2½ " "
1 1-2 " - -	11,000	840	500	" 1¾ " "
1 3-4 " - -	15,000	840	700	" 1¼ " "
2 " - -		840	850	" 1 " "

Twines.

Jute, per pound, **Cotton,** per pound, **Flax,** per pound,

Jute Wool Twine, per pound, **Hemp Ball Twine,** "

Sash Cord.

AMERICAN HEMP.

4 Thread. 8 Thread. 12 Thread. Patent.
Per pound,

Italian 8 Thread. Patent.
Per pound,

Cotton, - - - - - - - - - - - - - - - - - per pound,

SILVER LAKE BRAIDED SASH CORD.

100 FEET IN A HANK.

Flax. White Cotton. Drab Cotton.
Per pound,

WIRE SASH CORD.

			Iron.	Tinned.	Copper.
No. 3.	⅛ Inch Diameter, - - - - - -	per foot,	.04	.05	.09
No. 2.	5-32 " " - - - - - -	"	.05	.06	.10
No. 1.	3-16 " " - - - - - -	"	.06	.07	.11
No. 0.	7-32 " " - - - - - -	"	.07	.08	.12

NUMBER OF FEET OF WIRE SASH CORD TO THE POUND.

	Iron or Tinned.					*Copper.*				
No. - - - - - -	0	1	2	3	No. - - - - - -	0	1	2	3
Feet to pound, - -	19	22	29	38	Feet to pound, - -	17	21	28	38

Wire Clothes Line.

Galvanized Twisted Wire, 100 feet Coils, - - - - - - - per doz., 19.00

Chalk Lines.

COTTON, TWENTY FEET LENGTHS.

Nos.	0	1	2	3	4	6	7½	9	10½	12½	15
Per gross,	2.62	2.62	3.00	3.75	4.00	6.00	7.50	9.00	10.50	12.50	15.00

SILVER LAKE BRAIDED CHALK LINES.

20 FEET LENGTHS.

Nos., - - - - - - - - - - - - - - - -	0	1	2	3
Per gross, - - - - - - - - - - - - - - - -	6.00	7.00	8.00	10.00

Chalk Line Rolls, Plain, - - - - - - - - - - - - per gross, 4.00
" " " with Awls, - - - - - - - - - - - - " 10.00

Carpenters' Prepared Chalk.

	White.	Red.	Blue.	White Crayons.
Per gross,				

Pencils.

LEAD PENCILS.

	Universal.	Knickerbocker.	Pioneer.	American.
Per gross,	1.75	2.25	3.00	5.00

CARPENTERS' PENCILS.

White Wood, Inch,	7	9	12
Per gross,	3.00	3.75	4.50
Polished Cedar, Inch,	7	9	12
Per gross,	4.00	5.50	7.00

SLATE PENCILS.

	German.	Steatite.	Soapstone.
Per box,			

Sand Paper.

"B. & A. FLINT."

Nos.	0	½	1	1½	2	2½	3	assorted, 0 to 2½
Per ream,	4.25	4.25	4.25	4.25	4.75	4.75	4.75	4.25

EMERY PAPER.

Nos.	0	½	1	1½	2	2½	3	assorted, 2-0 to 1 1-2
Nos. of Emery,	120	90	80	70	60	54		
Per ream,	6.50	6.50	6.50	6 50	7.50	9.50	11.50	6 50

EMERY CLOTH.

Nos.	0	½	1	1½	2	2½	3	assorted, 2-0 to 1 1-2
Nos. of Emery,	120	90	80	70	60	54		
Per ream,	20.00	20.00	20.00	20.00	22.00	26.00	28.00	20.00

Emery.

Grain,	per lb.,
Flour.	"

Glue Pots.

TINNED AND ENAMELED.

Nos.	000	00	0	1	2	3	4	5	6
Per doz.,	5.00	5.50	6.00	6.75	8.40	10.26	12.42	14.58	16.94

Family Glue Pots, per doz., 5.00

Oil Stones.

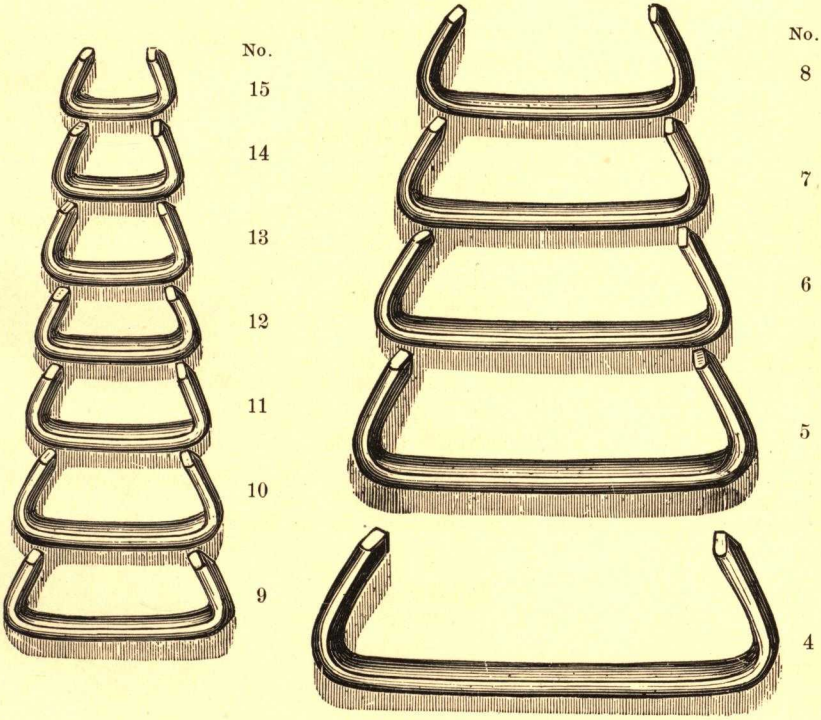
Hindostan, No. 1, - - per lb., **Washita,** No. 1 Extra, - - per lb.,
Arkansas, No. 1, - - " **Washita,** - - - - - - - "

SLIPS.

Hindostan, No. 1, - - per lb., **Washita,** Extra, - - per lb.,
Arkansas, No. 1, - - " **Washita,** No. 1, - - "
Sand Stone, - - - " **Axe Stone,** - - - - "

Belt Hooks.

No.	15	14	13	12	11	10	9	8	7	6	5	4
Per M.,	1.75	2.00	2.25	2.50	2 75	3.00	3.50	4.00	5.00	7.00	8.50	10.00



FULL SIZE CUTS.

Belt Studs.

Nos. - - - - - - -	5	4	3	2	1	0	00
Per 100, - - - - - -	.75	.90	1.00	1.50	2.00	2.50	3.00

Belting.

HOYT'S PURE WHITE OAK TANNED LEATHER BELTING.

PER RUNNING FOOT.

1 inch,	.06	10 inch,	1.14
1¼ "	.09	11 "	1.26
1½ "	.12	12 "	1.38
1¾ "	.15	13 "	1.50
2 "	.18	14 "	1.62
2¼ "	.21	15 "	1.78
2½ "	.24	16 "	1.94
2¾ "	.27	17 "	2.10
3 "	.30	18 "	2.26
3¼ "	.33	19 "	2.42
3½ "	.36	20 "	2.58
3¾ "	.39	22 "	2.90
4 "	.42	24 "	3.22
4½ "	.48	26 "	3.56
5 "	.54	28 "	3.90
5½ "	.60	30 "	4.22
6 "	.66	32 "	4.54
7 "	.78	34 "	4.86
8 "	.90	36 "	5.18
9 "	1.02	40 "	5.82

Double Belts twice the price of Single.

STANDARD RUBBER BELTING.

PER FOOT.

3 Ply.		*4 Ply.*	
2 inch,	.17	2 inch,	.21
3 "	.26	3 "	.31
4 "	.34	4 "	.42
5 "	.43	5 "	.52
6 "	.52	6 "	.62
7 "	.60	7 "	.73
8 "	.70	8 "	.84
9 "	.80	9 "	.95
10 "	.90	10 "	1.07
11 "	1.00	11 "	1.18
12 "	1.08	12 "	1.30
13 "	1.18	13 "	1.42
14 "	1.28	14 "	1.54
15 "	1.38	15 "	1.66
16 "	1.50	16 "	1.78
18 "	1 70	18 "	2.02
20 "	1.90	20 "	2.26
22 "	2.12	22 "	2.52
24 "	2.36	24 "	2.80

5 or 6 ply Belts, 25 per cent. advance on 4 ply prices for each additional ply.

ROUND BELTING.

Solid.					*Twist.*					
Inch,	1-8	3-16	1-4	5-16	3-8	Inch,	1-8	3-16	1-4	5-16	3-8
Per foot,	.5	.7	.10	.12	.14	Per foot,	.5	.9	.12	.15	.17
						Inch,	1-2	5-8	3-4	7-8	1
						Per foot,	.19	.24	.30	.36	.42

AGRICULTURAL MACHINE BELTING.

2 Ply.

Inch,	1	1¼	1½	2	2½	3	3½	4
Per foot,	.7	.8½	.11	.14	.17	.20	.24	.28

PAGE'S PATENT LACE LEATHER.

Nos.	1	2	3
Per doz.,	30.00	36.00	42.00
Per side,	2.75	3.25	3.75

PAGE'S CUT BELT LACING.

¼ inch wide,	per 100 feet,	1.00
⅜ "	"	1.25
½ "	"	2.00
⅝ " heavy,	"	2.75
¾ " "	"	3.25

HOOKS AND EYES FOR ROUND BELTING.

Inch,	1-8	5-32	3-16	7-32	1-4	9-32	5-16	11-32	3-8
Per doz.,	3.00	2.50	2.00	2.00	2.00	2.25	2.50	2.75	3.00
Inch,	7-16	1-2	9-16	5-8	11-16	3-4	13-16	7-8	15-16	1
Per doz.,	3.50	4.00	5.00	6.00	7.50	9.00	12.00	15.00	18.00	21.00

Belt Punches. (See Page 73.)

Rivets.

COPPER RIVETS AND BURRS.

No. Wire Gauge,	7	8	9	10	11	12	13	14	15
Per pound,									

PLYMOUTH RIVETS.

IRON—BLACK.

Ounce,	8	10	12
Per M.,	.28	.31	.34

Pound,	1	1¼	1½	1¾	2	2½	3	4	5	6	7	8	10	12	14
Per M.,	.38	.42	.46	.50	.55	.63	.70	.85	1.00	1.20	1.35	1.50	1.80	2.10	2.40

IRON—TINNED.

Ounce,	8	10	12
Per M.,	33	36	40

Pound,	1	1¼	1½	1¾	2	2½	3	4	5	6	7
Per M.,	.45	.50	.55	.60	.65	.75	.90	1.20	1.40	1.60	1.80

BLOCK AND CARRIAGE—PER 100 RIVETS.

No. Wi	¾	⅞	1	1⅛	1¼	1⅜	1¾	2	2¼	2½	3	3½	4 In.
3	32	36	40	44	50	60	68	75	85	98	110	125	150
4	30	32	36	40	46	50	60	68	75	85	100	118	125
5	26	28	30	34	40	48	56	62	68	75	85	100	120
6	22	24	28	32	36	40	46	54	62	70	80	95	110
7	20	22	24	27	30	34	38	42	46	55	65	75	85
8	16	18	20	22	26	30	34	38	44	50	60	68	75

Oval or countersunk heads, or extra lengths, 5 cents per M. in addition to the above prices.

Rivets.—Continued.

RIVETS IN BULK—NET PRICES PER POUND.

3-8 and 11-32,	.11½	No. 8 Wire, ½ Inch and longer,	.16
5-16 and Nos. 1 and 2 Wire,	.12½	" 9 " " "	.18
No. 3, 1-4 Inch and No. 4 Wire,	.13	" 10 " " "	.19
" 5, 6, and 3-16,	.14	" 11 " " "	.20
" 7 Wire, ½ Inch and longer,	.15	" 12 " " "	.21

Smaller than No. 6 Wire, shorter than ½ Inch, price as per M.

COMMON SIZES, PER POUND.

Size,	8 oz.	10 oz.	12 oz.	1 lb.	1¼ lbs.	1½ lbs.	1¾ lbs.	2 lbs.	2½ lbs.	3 lbs.
Black,	.38	.34	.31	.26	.23	.21	.20	.19	.18	.16½
Tinned,	.45	.39½	.36½	.31	.27½	.25½	.23¾	.22½	.21	.21

Size,	4 lbs.	5 lbs.	6 lbs.	7 lbs.	8 lbs.	9 lbs.	10 lbs.	12 lbs.	14 lbs.
Black.	.15	.14	.14	.13½	.13½	.13	.13	.12½	.12
Tinned,	.21	.19½	.18½	.18					

Coopers' 1d and 2d,	.13½
" 3d " 4d,	.12½
" 5d " 6d,	.11½

Tinned, 6 cents per pound extra.

Burrs, Tinned,	.35
Burrs, Black,	.30

Wire.

IRON WIRE.

BRIGHT AND ANNEALED—68 POUND BUNDLES.

Nos.	0000 to 6	7 to 9	10 and 11	12	13 and 14	15 and 16	17	18
Per pound,	.09	.10	.11	.11½	.12½	.14	.15	.16
Per bundle,	5.67	6.30	6.93	7.24½	7.87½	8.82	9.45	10.08

ANNEALED—12 POUND STONES.

Nos.	18	19	20	21	22	23	24
Per lb.,	.16	.19	.20	.21	.22	.23	.24
Per stone,	1.92	2.28	2.40	2.52	2.64	2.76	2.88
Nos.	25	26	27	28	29	30	31
Per lb.,	0.25	.26	.28	.29	.30	.32	.33
Per stone,	3.00	3.12	3.36	3.48	3.60	3.84	3.96
Nos.	32	33	34	35	36		
Per lb.,	.35	.37	.40	.45	.55		
Per stone,	4.20	4.44	4.80	5.40	6.60		

Coppered Market Wire, Same List as Iron Wire.

TINNED WIRE.

Nos.	0 to 9	10 and 11	12 to 14	15 and 16	17	18
Per lb.,	.15	.16	.17	.17½	.18	.18½
Nos.	19 and 20	21 and 22	23 and 24	25	26	27
Per lb.,	.19	.20	.21	.22	.23	.24
Nos.				28	29	30
Per lb				.25	.26	.27

TINNED BROOM WIRE.

Nos.	18 to 20	21 and 22	23 and 24
Per lb.	.20	.21	.22

Wire.—Continued.

GALVANIZED WIRE.

Nos.	0 to 6	7 to 9	10, 11	12	13	14	15	16	17	18	19	20	21	22
Per doz.,	.16	.17	.18	.20	.22	.24	.26	.28	.30	.32	.34	.36	.38	.40

MACHINERY SPRING WIRE.

Nos.	0 to 9	10, 11	12, 14	15, 16	17	18
Per pound,	.15	.16	.17	.18	.19	.20

CAST STEEL WIRE.

Nos.	0 to 6	7 to 9	10, 11	12	13	14	15	16	17	18	19	20
Per pound,	.23	.24	.25	.26	.28	.30	.32	.33	.34	.36	.38	.40

TABLE OF SIZE, WEIGHT, LENGTH AND STRENGTH OF IRON WIRE.

Wire Gauge.	Diameter.	Weight of 100 yards.	Weight of 1 mile.	Length of 1 bundle.	Length of 1 cwt.	Direct Strain.	
						Area of section.	Breaking weight.
No.	Inches.	Pounds.	Pounds.	Yards.	Yards.	Sq. Inch.	Pounds.
5–0	0 546	161 00	2830	39	70	0 163	13070
4–0	0 425	140 00	2460	45	80	0 142	11350
3–0	0 394	120 00	2113	52	93	0 122	9755
2–0	0 363	102 00	1794	62	110	0 103	8280
0	0 331	84 72	1490	74	132	0 086	6880
1	0 300	68 75	1210	91	162	0 071	5650
2	0 280	59 90	1054	105	187	0 062	4930
3	0 260	51 65	909	121	215	0 053	4250
4	0 240	44 00	775	143	255	0 045	3620
5	0 220	37 00	651	170	303	0 038	3040
6	0 200	30 56	538	203	361	0 031	2510
7	0 185	26 15	461	239	428	0 0265	2220
8	0 170	22 10	389	286	509	0 023	1840
9	0 155	18 36	323	342	609	0 0195	1560
10	0 140	14 97	264	420	747	0 016	1280
11	0 125	11 95	211	529	939	0 0125	1000
12	0 110	9 24	163	700	1244	0 010	800
13	0 095	7 05	124	893	1589	0 0071	568
14	0 085	5 51	97	1142	2031	0 0057	456
15	0 075	4 29	76	1468	2608	0 0044	352
16	0 065	3 22	57	1954	3473	0 0033	264
17	0 057	2 48	44	2540	4515	0 0026	208
18	0 050	1 91	34	3150	5600	0 0020	160
19	0 045	1 55	27	4085	7246	0 0016	128
20	0 040	1 22	21	4912	9168	0 0013	104
21	0 035	0 94	17	6416	11980	0 0010	80
22	0 030	0 69	12	8736	16300	0 0007	56

SIZES EXPRESSED IN FRACTIONS OF AN INCH.

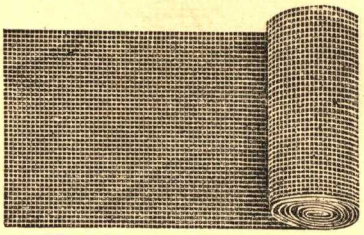
15-32 in.—No. 5–0 full.
7–16 in.—No. 4–0 full.
13–32 in.—No. 3–0 full.
3–8 in.—No. 2–0 full.
11–32 in.—No. 0 full.
5–16 in.—No. 1 full.
0–32 in.—No. 2
1–4 in.—No. 3½
7–32 in.—No. 5
3–16 in.—No. 7
5–32 in.—No. 9
1–8 in.—No. 11
1–10 in.—No. 13 full.
1–12 in.—No. 14
1–16 in.—No. 15
1–32 in.—No. 22

BRASS AND COPPER WIRE.

Nos.	0 to 20	21 to 23	24, 25	26	27	28	29	30	31	32	33	34	35	36
Brass, per lb.,														
Copper, "														

Wire on Spools, 10 cents per pound extra.

Wire Cloth.



WITH CLOTH PARTLY UNROLLED.

IRON WIRE CLOTH.

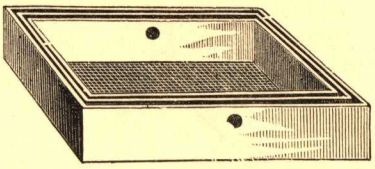
Meshes to an Inch,	2	3	4	6	8	10	12	14	16	18	20	24
Gauge of Wire,	18	19	21	23	25	27	29	31	32	33	34	35
Per square foot,												

Painted Wire Cloth, Green. Drab. Figured. Landscape.
Per square foot,

Brass Milk Strainer Wire Cloth, 50 Meshes, per square foot,

Wire Cloth of all Grades furnished to order.

Coal Sieves.



Assorted, 3 sizes, per dozen,
" 2 large sizes, "
Largest size only, "
Handled, assorted, 2 large sizes, "

Ox Muzzles.

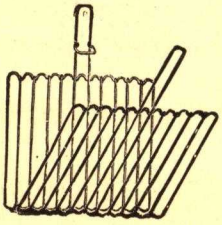
Japanned, Gauge Nos.	16	14	Galvanized, Nos.	16	14
Per doz.,	2.50	3.00	Per doz.,	3 50	4.00

Flour Sieves.

Iron Wire Sieves, 3 in Nest, 12, 13 and 14 inch, per doz.,
Tinned " " " " " "
Brass " " " " " "

	Iron.	Steel.	Galvanized.	Brass.
Moulders' Riddles, 18 inch, per doz.,				

Wire Broilers and Toasters.



LIGHT WIRE BROILERS.

Nos.	0	1	2	3	4
Width, Inch,	6	8	10	12	14
Per doz.,	2.50	2.75	3.00	3.25	3.50

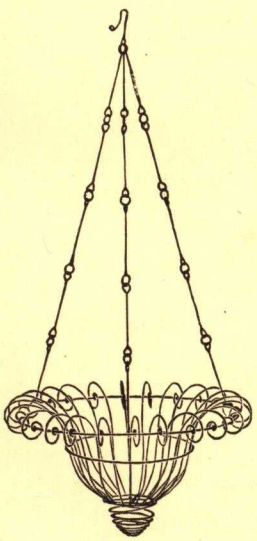
HEAVY WIRE BROILERS.

Nos.	1	2	3	4
Width, Inch,	8	10	12	14
Per doz.,	3.50	4.00	5.00	6.00

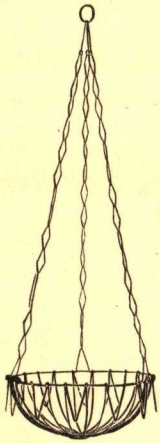
EXTRA HEAVY HOTEL BROILERS.

Nos.	20	21	22	23	24	25
Inch,	9×7	11×8	12¼×9	13½×10	15×11	16½×12¼
Per doz.,	9.00	10.00	11.00	13.00	15.00	17.00

Hanging Baskets.



No. 1.



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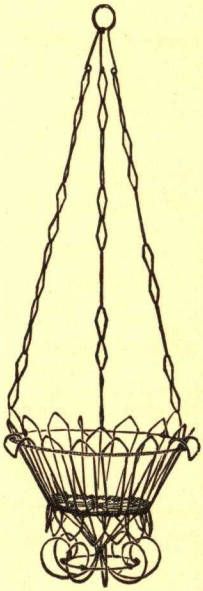
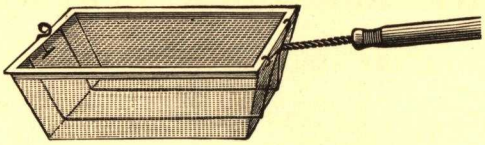


No. 3.

HANGING BASKETS — TINNED.

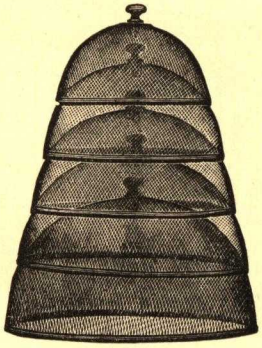
No. 1.	Tinned Wire,	per doz.,	~~3.25~~ 4.00
No. 2.	Figured "	"	7.00
No. 3.	" and Twisted Wire,	"	8.00

Corn Poppers.



Square, Twisted Wire Shank, Wire Braced, Wire Lid, - - per gross, 22.55
Round " " " " " Tin " - - " 23.70

Wire Dish Covers.



BLUED AND TINNED WIRE DISH COVERS.

Inch,	6	7	8	9	10	12	14	16	18
Round, per doz.,	1.20	1.45	1.75	2.10	2.50	4.50	6.00		
Oval, "			2.00		3.00	4.00	5.00	6.00	7.00

Round, in sets of five, per set, - - .75 Oval, in sets of six, per set, - - 2.25

Figured Wire Goods.

Fruit Basket, - - - per doz., 7.00 Tea Pot Stands, - - per doz., 1.67

Plate Stands, Inch,	7	8	9
Per doz.,	2.25	2.75	3.25

Newhouse's Steel Traps.

		Without Chain.	With Chain.
No. 0.	Rat Trap, spread of Jaws 3½ inch, per doz.,	3.00	4.00
No. 1.	Muskrat Trap, " 4 " "	3.50	4.65
No. 1½.	Mink " " 4⅞ " "	6.00	7.50

DOUBLE SPRINGS.

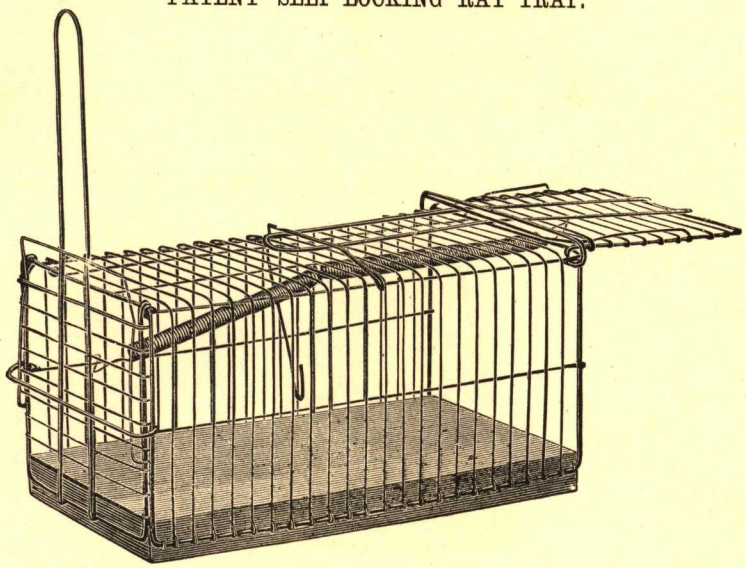
No. 2.	Fox Trap, spread of Jaws 4⅞ inch, per doz.,	9.00	10.50
No. 3.	Otter " " " 5½ " "	12.00	13.75
No. 4.	Beaver Trap, " 6½ " "	14.50	16.50
No. 5.	Bear " " 11¾ " "	- -	140.00
No. 6.	" " " 16 " "	- -	280.00

NEWHOUSE PATTERN STEEL TRAP.

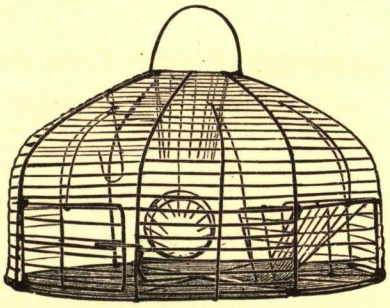
Same List as above.

Rat and Mouse Traps.

PATENT SELF-LOCKING RAT TRAP.



GLOBE RAT TRAPS.



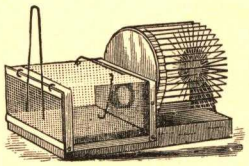
SELF-LOCKING.				*Tinned Wire.*	GLOBE.			
Nos.	1	2	3		Nos.	1	2	3
Inches,	5×11	6×11	7×13		Diameter,	10	12	14
Per doz.,	5.00	5.63	7.25		Per doz.,	9.00	11.00	13.00

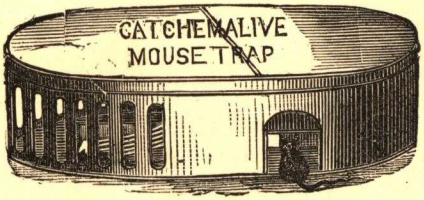
Common Wove Wire Trap, 6×11, - - - - - - - - - - per doz., 4.38
Hotchkiss' Rat Killer, - - - - - - - - - - - - - " 5.00

Rat and Mouse Traps.—Continued.

MOUSE TRAPS.

TOY MOUSE TRAPS.





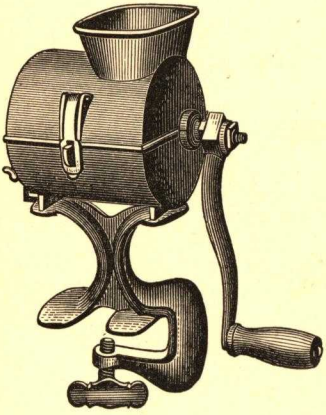
Toy Mouse Trap, per doz., - - 2.50 Catchem Alive Mouse Trap, per doz , 5.00

Common Wood Mouse Traps, - - - -	1	2	3	4	5	6 Holes.
Per doz., - - - - - - - - - -	.30	.60	.90	1.20	1.50	1.80

Blake's Steel Traps.

		Without Chain.	With Chain
No. 0.	Rat Trap, Single Spring, spread of Jaws 3¾ inch, - - - - - per doz.,	2.50	3.75
No. 1.	Muskrat Trap, Single Spring, spread of Jaws 4⅜ inch, - - - - per doz.,	2.75	4.00
No. 2.	Mink Trap, Single Spring, spread of Jaws 4⅞ inch, - - - - per doz.,	3.00	4.25
No. 2¼.	Mink Trap, heavy, Single Spring, spread of Jaws 4⅞ inch, per doz.,	3.25	4.50
No. 2½.	Mink Trap, Double Spring, spread of Jaws 5¼ inch, - - per doz.,	5.00	6.25

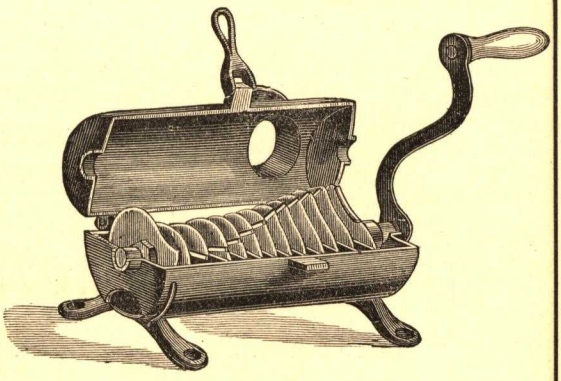
Meat Cutters.



NEWMAN'S.

NEWMAN'S MEAT CUTTERS.

Nos. - - - - - -	2	4
Per doz., - - - - -	24.00	32.00



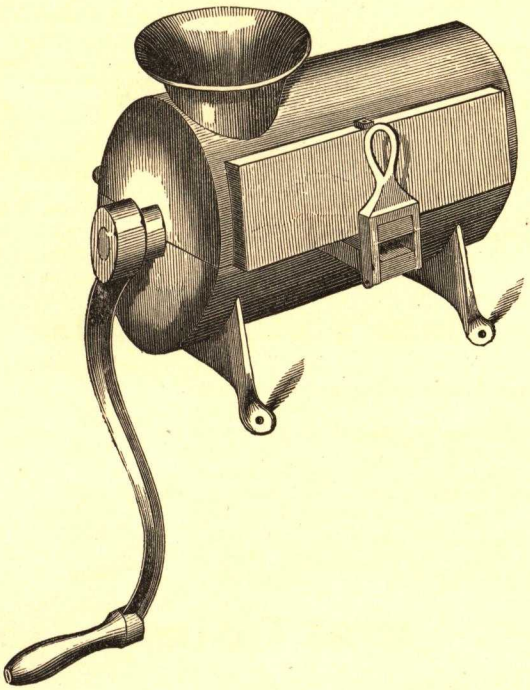
WOODRUFF'S.

WOODRUFF'S MEAT CUTTERS.

Nos. - - - - - - -	100	150
Per doz., - - - - - -	15.00	18.00

Meat Cutters.—Continued.

DIXON'S MEAT CUTTERS.

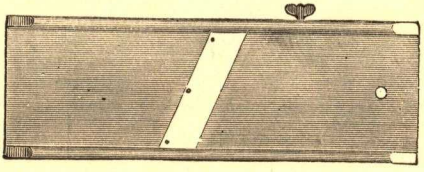


Nos.	1	2	3	4
Per doz.,	14.00	17.00	19.00	30.00

HALE'S MEAT CUTTERS.

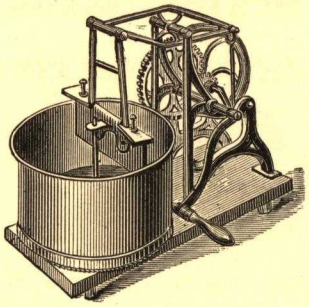
Nos.	11	12	13
Per dozen,	27.00	33.00	42.00

Slaw Cutters.



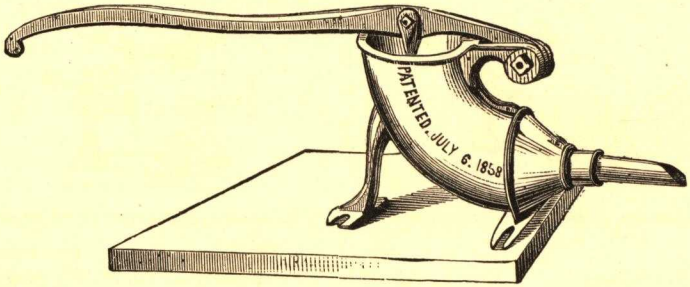
Per doz., - 5.00

American Meat & Vegetable Choppers.



No. 1.	Small Family Size, 8 inch Cylinder, - - - - - - -	each,	6.00
No. 2.	Large " " 10 " " - - - - - - -	"	9.00
No. 2½.	Hotel or Bakers' Size, 13 inch Cylinder, - - - - - -	"	12.00
No. 3.	Farmers' Sausage Cutter, 12 inch Cylinder, - - - - -	"	15.00
No. 4.	Butchers' Size, 15 " " - - - - -	"	30.00
No. 13.	" " 18 " " with stand,	"	60.00
No. 5.	" " 20 " " " - -	"	75.00
Perry's Butchers' Meat Cutters,	No. 5, geared, - - - - - -	"	15.00

Perry's Sausage Filler.



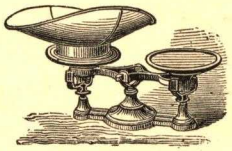
No. 1. For Family use, per doz., 15.00 No. 0. For Butchers, per doz., 21.00

Scales.

AGENCY OF BUFFALO SCALE CO'S U. S. STANDARD SCALES.

COUNTER SCALES.

EVEN BALANCES.



New Pattern, Vermilion Finish, with weights complete.

	Capacity.	Tin Scoop.	Brass Scoop, Seamless.
No. 1.	½ oz. to 2 lbs.,	5.50	6.50
No. 2.	½ oz. to 4 lbs.,	6.50	7.50

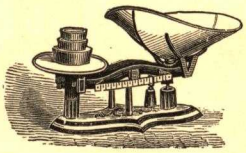
EVEN BALANCES.

Plain Painted, with Weights complete.

	Capacity.	Price Tin Scoop.	Brass Scoop, Seamless.
No. 3.	½ oz. to 4 lbs.,	5.00	6.00
No. 4.	½ oz. to 6 lbs.,	6.00	7.00
No. 5.	½ oz. to 10 lbs.,	7.00	8.25

Scales.—Continued.

EVEN BALANCES—BRASS SIDE BEAMS.



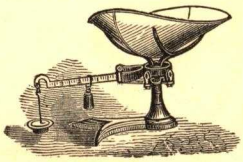
Plain Painted, with weights complete.

Capacity.	Price Tin Scoop.	Brass Scoop, Seamless.
No. 5½. ½ oz. to 6 lbs.,	7.00	8.00
No. 6. ½ oz. to 10 lbs.,	8.00	9.25

Improved Even Balance, Extra Finish.

Capacity.	Price Tin Scoop.	Brass Scoop, Seamless.
No. 9. ¼ oz. to 4 lbs., Brass Side Beam,	7.00	8.25
No. 10. ¼ oz. to 8 lbs., Brass Side Beam,	8.00	9.25
No. 11. ¼ oz. to 16 lbs., Brass Side Beam,	10.00	11.50

COUNTER.



Capacity, 1-2 ounce to 36 pounds.

Price Tin Scoop, - - - - 10.00
Price Brass " Seamless, - 12.00

GROCER.

Capacity, 1-2 ounce to 62 pounds.

Single Beam.	Double Beam.
Pr. Tin Scoop, 12.00	Pr. Tin Scoop, 13.00
Pr. Brass " Seamless, 14.00	Pr. Brass " Seamless, 15.00

UNION.

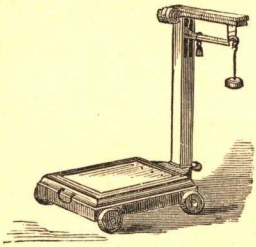
Capacity, 1-2 ounce to 240 pounds.

Single Beam, Tin Scoop, - - 14.00
" " Brass " Seamless, 15.50

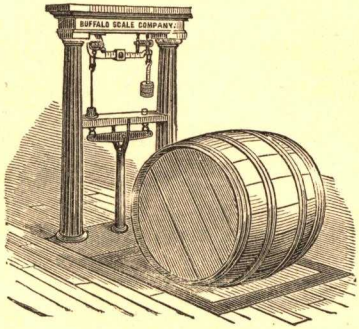
Double Beam, Tin Scoop, - - 15.00
" " Brass " Seamless, 16.50

Scales.—Continued.

PLATFORM SCALES.



DORMANT SCALES.



DESCRIPTION. PLATFORM.	Capacity. Lbs.	Without wheels.	With wheels.	With heavy wheels and drop lever.
No. 1, 21½×15 in.	400	$23 00	$26 00	- -
" 2, 23¼×16¾ in.	600	30 00	33 00	- -
" 3, 25 ×16¾ in.	800	35 00	39 00	- -
" 4, 26 ×17 in.	1,000	39 00	43 00	$51 00
" 5, 28 ×20 in.	1,200	45 00	49 00	59 00
" 6, 28½×20½ in.	1,400	52 00	56 00	66 00
" 7, 28¾×20¾ in.	1,600	55 00	60 00	70 00
" 8, 30¾×22¾ in.	1,800	68 00	73 00	78 00
" 9, 32 ×23 in.	2,000	70 00	75 00	82 00
" 10, 33¼×24¾ in.	2,500	77 00	85 00	94 00
" 11, 38 ×30 in.	3,000	- -	- -	125 00

HAY, COAL AND STOCK SCALES.

With single brass beam.	Capacity. Tons.	Length of Levers. Feet.	Length of Connections.	Size of Platform.	Distance from edge of platform to beam rod.	Price, exclusive of timber and foundation.
Portable Shal. Pit.	3	10½	4 feet - - -	13×7 ft. 3 in.	1 ft. 8 in.	$145 00
	4	12	4 ft. 6¾ in. -	14×8 ft. 4 in.	2 ft. 1½ in.	165 00
	5	12	4 ft. 6¾ in. -	14×8 ft. 4 in.	2 ft. 1½ in.	200 00
	6	12	4 ft. 6¾ in. -	15×8 ft. 5½ in.	1 ft. 10 in.	225 00
Trussed Levers.	3	11	4 feet - - -	14×7 ft. 7 in.	1 ft. 11½ in.	175 00
	4	12	4 ft. 2 in. - -	14×8 ft. 1 in.	2 ft. 7½ in.	200 00
	5	12	4 ft. 2 in. - -	14×8 ft. 1 in.	2 ft. 7½ in.	225 00
	6	12	4 ft. 3 in. - -	15×7 ft. 10¾ in.	2 ft. 4¼ in.	250 00
	8	14½	5 ft. 3 in. - -	22×8 ft. 5½ in.	2 ft. 3 in.	300 00
	10	13	4 ft. 6 in. - -	16×8 ft. 4¾ in.	2 ft. 9½ in.	325 00
	15	16	6 feet - - -	24×9 ft. 5 in.	2 ft. 3½ in.	375 00

With Brass Tare Beam, 20.00 Extra.

PATENT COMBINATION BEAM,

Dispensing with the use of weights, furnished with these scales.

With 3 and 4 Ton Scales, Extra, 30.00 With larger Scales, - - Extra, 40.00

Scales.—Continued.

ONE PILLAR DORMANT.

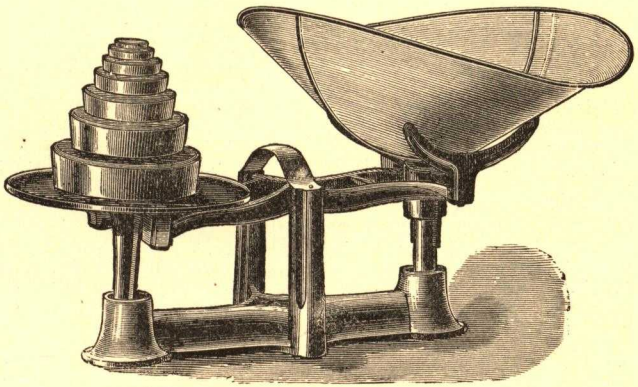
2,500	pounds.	Platform	3×3 feet,	92.00
3,500	"	"	3½×3½ "	105.00
5,000	"	"	4×4 "	150·00

TWO IRON PILLARS DORMANT.

With Graduated Counterpoise and Tare Beam.

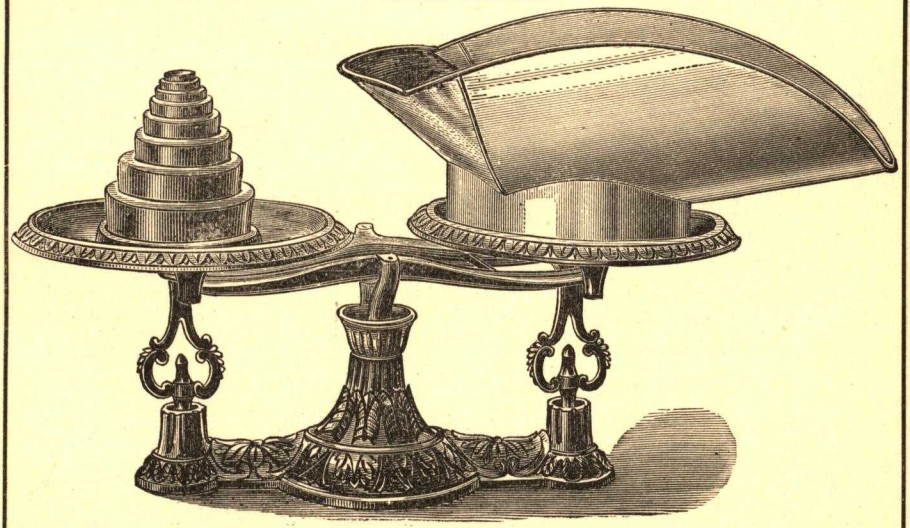
2,500	pounds.	Platform	3×3 feet,	105.00
3,500	"	"	3½×3½ "	125.00
5,000	"	"	4×4 "	170.00

TEA SCALES.



No. 1.	Tea Scales,	weighs	4	pounds,	two in a box,	per doz.,	15.00
No. 2.	"	"	"	"	"	bronzed, "	18.00
No. 3.	"	"	"	"	six "	extra finish, "	24.45
No. 4.	"	"	"	8	three "	" "	33.40

HATCH SCALES.



No. 5.	Hatch Scales,	weighs	8	pounds,	one in a box,	extra finish, per doz.,	36.00
No. 6.	"	"	"	"	"	bronzed, "	42.00

Scales.—Continued.

UNION SCALES.

No. 7. Union Scales, weighs ½ ounce to 240 pounds, one in a box, steel bearings, - - - - - - - - - - - - - - each, 8.00
No. 8. Union Scales, weighs ½ ounce to 240 pounds, one in a box, steel bearings, extra finish, - - - - - - - - - - - each, 10.00

TURNBULL'S FAMILY SCALES.

With Platform.

No. 190. Weighs 12 pounds by ounces, - per doz., 42.00
No. 195. Weighs 25 pounds by ounces, - per doz., 52.00

With Platform and Scoop.

No. 192. Weighs 12 pounds by ounces, per doz., 48.00
No. 197. Weighs 25 pounds by ounces, per doz., 58.0

TURNBULL'S MARKET SCALES.

No. 26. With Marble Slab, Glass Sash, ½ ounce to 16 pounds, - - each, 13.50
No. 33. " " " " " 1 " 32 " - - " 15.00
No. 43. " " " " " 2 " 64 " - - " 16.50

Scale Weights.

IRON.

Common, ½ ounce. 1 ounce. 2 ounce. 4 ounce. 8 ounce. 1 pound. 2 pound. 4 pound.
Per doz.,

IRON WEIGHTS — SEALED.

Nests,	½ ounce to 1 pound.	½ ounce to 2 pounds.	½ ounce to 4 pounds.
Per nest,	.75	1.00	1.50

Circular Spring Balances.

WITH ROUND PAN.

No. 261. 30 lbs.×1 oz., per doz., 53 00
No. 271. 60 lbs.×2 oz., " 66.00

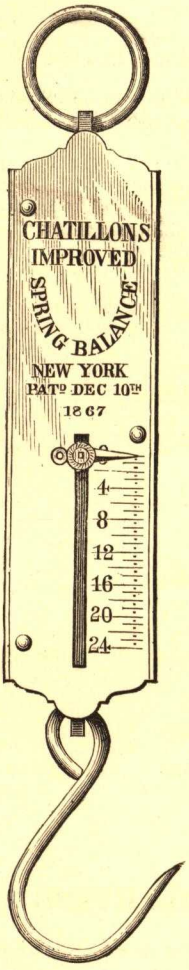
WITH SQUARE PAN.

No. 262. 30 lbs.×1 oz., per doz., 55.50
No. 272. 60 lbs.×2 oz., " 67.50

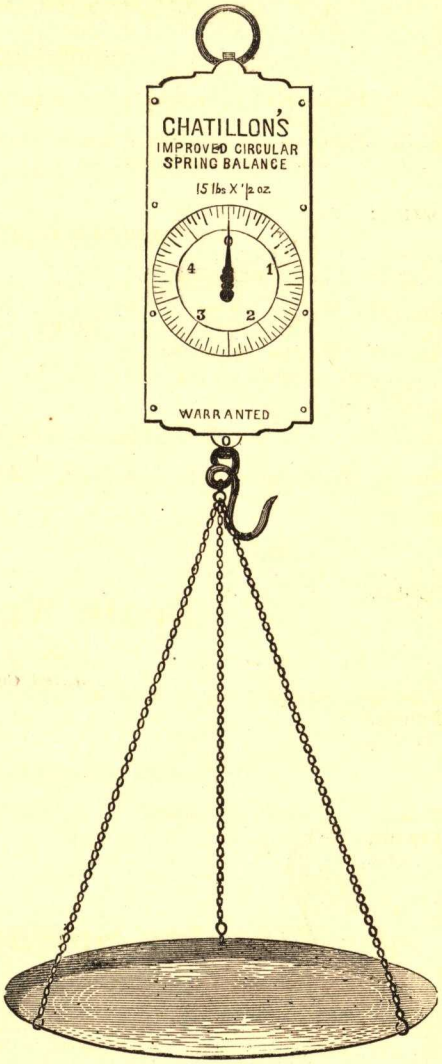
BRASS BOW SCALES.

No. 264. 30 pounds×1 ounce, Tin Pan, Brass Bows, Plain, - - per doz., 65.00
No. 274. 60 pounds×2 ounces, " " " - - " 80.00
No. 265. 30 pounds×1 ounce, " " with Swivel, " 75.00
No. 275. 60 pounds×2 ounces, " " " " 90.00
No. 266. 30 pounds×1 ounce, Brass, " " " " 93.00
No. 276. 60 pounds×2 ounces, " " " " 110.00

Chatillon's Spring Balances.



No. 40. STRAIGHT.



CIRCULAR, WITH PAN.

LIGHT STRAIGHT.

No. 20. 24 pounds×½ pound, with Hook, per doz., 1.60

No. 21. 24 lbs.×½ lb., with Round Pan, per doz., 4.60

STRAIGHT, WITH HOOK.

No. 40. 24 lbs.×½ lb., per doz., 4.25
No. 50. 30 lbs.×½ lb., " 6.00
No. 60. 40 lbs.×½ lb., " 21.00
No. 10. 24 lbs.×½ lb., Round Iron, with Hook, Straight, with Round Pan, - - - - - Per doz., - - - - - - - - -

No. 70. 50 lbs.×1 lb., per doz., 14.50
No. 80. 80 lbs.×1 lb., " 33.00
No. 90. 100 lbs.×1 lb., " 50.00
" 4.25

No. 41. 24×½lb. 8.50

No. 51. 30×½ lb. 10.75

Circular Spring Balances.

With Glass Sash and Porcelain Enameled Fronts.

WITH TIN PAN AND BRASS BOWS.

No. 0264, 30 lbs. ×1 oz., per doz., 73.00
No. 0274, 60 lbs. ×2 oz., " 88.00

WITH TIN PAN, BRASS BOWS AND SWIVEL.

No. 0265, 30 lbs. ×1 oz., per doz., 83.00
No. 0275, 60 lbs. ×2 oz., " 98.00

WITH BRASS PAN AND BOWS.

No. 0266, 30 lbs. ×1 oz., per doz., 101.00
No. 0276, 60 lbs. ×2 oz., " 118.00

WITH EXTRA BRASS PAN AND BOWS.

No. 0267, 30 lbs. ×1 oz., per doz., 153.00
No. 0277, 60 lbs. ×2 oz., " 178.00

German Ice Scales, pounds,	250	300	350	400
Per doz.,				
Turnbull's Ice Scales, pounds,	100	200	300
Per doz.,	24.00	30.00	36.00

Steelyards.

AMERICAN PATTERN STEELYARDS.

Iron Bar, pounds,	50	Steel Bar, pounds,	50	100	150	200	250	300
Per doz.,	5.00	Per doz.,	5.50	7.00	9.00	10.00	11.00	12.00

EXCELSIOR STEELYARDS.

Warranted Correct.

Pounds,	50	100	150	200	250	300
Per doz.,	9.00	10.00	12.00	15.00	18.00	21.00

FARMER'S STEELYARDS.

Pounds,	50	100	150	200	250	300	400	500
Per doz.,	16.00	22.00	34.00	40.00	50.00	56.00	74.00	88.00

Patent Balances or Scale Beams.

	No. 1. Heavy.	No. 2. Light.
100, 150, 200, 250 pounds, each,	2.50	2.00
300 " "	3.00	2.50
360 to 1,200 pounds, inclusive, per 100 pounds,	.90	.75

Swift's Coffee Mills.

IRON SIDE MILLS.

Nos.	0	1	2
Per doz.,	9.00	14.00	22.00

TABLE MILLS, WITH CLAMP.

Nos.	10	11
Per doz.,	9.50	15.00

Stand Mills, Wood Frame, each, No. 3, 6.75 No. 4, 8.00

Parker's Coffee Mills.

CUT OF UNION BOX MILLS.

IRON HOPPER BOX MILLS.

Nos.	1	2	3	4
Per doz.,	7.00	6.00	4.25	3.75

BRITANNIA HOPPER BOX MILLS.

Nos.	1	2	3
Per doz.,	9.00	8.00	6.50

PATENT UNION BOX MILLS.

No. 25. Iron Hopper, per doz., 10.50
No. 35. Britannia " " 12.50

No. 40. Iron Hopper, Black Walnut Box, per doz., 11.50
No. 45. Britannia Hopper, Bl'ck Walnut Box, per doz., 13.50

PATENT EAGLE BOX MILLS.

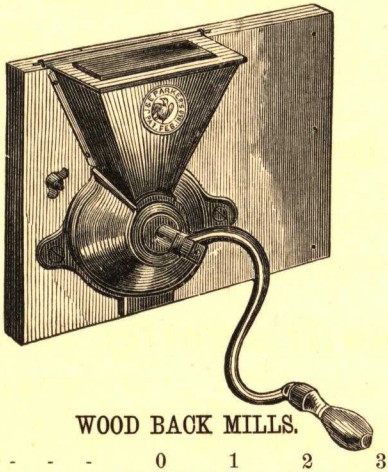
IRON HOPPER.

Nos.	101	102	103	104
Per doz.,	7.25	6.25	5.75	5.25

BRITANNIA HOPPER.

Nos.	105	106	107	108
Per doz.,	9.25	8.50	7.75	7.00

All above have dovetailed boxes, packed one-half dozen in a case.



WOOD BACK MILLS.

Nos.	0	1	2	3	Wilson Improved.
In cases of	⅜ doz.	½ doz.	1 doz.	1 doz.	1 doz.
Per doz.,	10.50	6.75	5.25	4.25	3.25

Parker's Coffee Mills.—Continued.

PATENT UNION SIDE MILLS.

	All Iron.	Wood Back.		
Nos.	10	15	20	30
In cases of	1 doz.	½ doz.	½ doz.	½ doz.
Per doz.,	7.50	7.00	8.00	9.00

PATENT EAGLE SIDE MILLS.

Nos.	50	60	70	80	90
Per doz.,	4.75	5.75	7.25	11.00	18.50

½ Dozen in a Case.

Cutlery.

Included in this Line is a Large and Complete Assortment of

WADE & BUTCHER'S POCKET KNIVES, SCISSORS and RAZORS,
WOSTENHOLM'S POCKET KNIVES;
Also, Best Brands of AMERICAN POCKET CUTLERY,
LAMSON & GOODNOW'S TABLE CUTLERY AND BUTCHER KNIVES.

Butcher Knives.

LAMSON AND GOODNOW'S SHELL BOLSTER KNIVES.

BUTCHER, COCOA HANDLES.

Inch,	4½	5	5½	6	6½	7	8	9	10	11	12
Per doz.,	2.00	2.10	2.30	2.50	2 70	2.90	3.55	4.40	5.40	6.45	7.70

STICKING KNIVES.

Inch,	5	5½	6	6½	7
Per doz.,	2.10	2.30	2.50	2.70	2.90

SKINNING KNIVES.

Inch,	5	5½	6	6½
Per doz.,	2.85	3.05	3.25	3 45

SHELL BOLSTER BUTCHER KNIVES, CAPPED END, EXTRA FINISH.

Inch,	5	5½	6	6½	7	8	9	10
Per doz.,	3.35	3.55	3.70	4.00	4.35	5.20	5.20	5.85

L. & G. BUTCHER KNIVES, WITHOUT BOLSTER.

COCOA HANDLE.

Inch,	5	5½	6	6½	7	8	9	10	11	12
Per doz.,	1.50	1.65	1.80	2.10	2.35	2.85	3.70	4.65	5.30	6.00

STICKING KNIVES.

Inch,	5	5½	6	6½	7
Per doz.,	1.50	1.65	1.85	2.10	2.35

SKINNING KNIVES.

Inch,	5	5½	6	6½
Per doz.,	2.00	2.15	2.35	2.60

GRAVES COCOA HANDLE BUTCHER KNIVES.

Inch,	4½	5	5½	6	6½	7	8	9	10	11	12
Per doz.,	1.15	1.30	1.40	1.45	1.50	1.80	2.25	2.75	3.50	4.00	5.00

Shoe Knives.

AMES' SHOE KNIVES.

Nos.	1	2	3	4
Black Handle, Square Point, Cast Steel, per doz.,	.80	.80	.80	.90
" Round " " "	.80	.80	.90	1.00
Ferruled Handle, Square " Silver " "	1.00	1.00	1.00	1.20
" Round " " " "	1.00	1.00	1.20	1.25

SKIVERS.

Nos.	1	2
Black Handle, per doz.,	1.00	1.25
Ferruled " "	1.25	1.50

BREAD KNIVES.

Black Handle, - - per doz.,	1.25
Ferruled " - - "	1.50

LENGTH OF BLADES OF SHOE KNIVES.

Nos.	1	2	3	4
Round Point, Inch,	4	4½	5	5½
Square " "	3	3½	4	4½
Skivers, "	5½	6		

WOODS' SHOE KNIVES.

Round Handle, Round or Square Point, Inch,	3	3½	4	4½	5
Per doz.,	1.25	1.25	1.25	1.38	1.63

Cast Steel Shears and Scissors.

Sizes given are full length.

STRAIGHT TRIMMERS.

Inch,	6½	7	7½	8	8½	9	10	11	12
Per doz.,	11.00	12.00	13.00	14.00	15.00	16.00	20.00	24.00	27.00

BENT TRIMMERS.

Inch,	8½	9	10	11	12	13
Per doz.,	16.00	18.00	21.00	24.00	27.00	30.00

LADIES' SCISSORS.

Inch,	5	5½	6	6½
Per doz.,	10.00	10.00	10.00	11.00

POCKET SCISSORS.

Inch,	4	4½	5
Per doz.,	10.00	10.00	10.00

TAILORS' POINTS.

Inch,	5	5½	6
Per doz.,	10.00	11.00	12.00

BARBERS' SHEARS — LIPPED.

Inch,	8½	9	9½
Per doz.,	15.00	16.00	17.00

BANKERS' SHEARS.

Inch,	10	11	12	13	14	15	16
Per doz.,	21.00	24.00	30.00	36.00	42.00	48.00	54.00

BEST GRADES

OF

POLISHED SCISSORS AND SHEARS

OF ENGLISH AND GERMAN MANUFACTURE.

Sheep Shears, Wilkinson's Genuine.

No. 3768½. Plain Blade, Double Spring, - - - - - - - - per doz.,
No. 3769½. Polished " " - - - - - - - - "

Horse Shears, Single Spring, 8 Inch, - - - - - - - - - "

Horse Trimmers, Bent, - - - - - - - - - - - - - - "

Pruning Shears, with Brass Spring, - - - - - - - - - "

Hedge Shears, Wood Handle, - - - - - - - - - - - per pair,

Brass Cocks.

RACKING COCKS.

Inch,	¼	⅜	½	⅝	¾	⅞	1
To drive,	3.00	4.50	6.75	11.25	13.50	15.75	18.00
To screw,	3.75	5.25	7.50	12.75	15.75	18.00	21.00

RACKING COCKS — LOOSE KEY.

Inch,	⅜	½	⅝	¾	⅞	1
To drive,	6.00	8.25	13.50	16.00	21.00	24.00
To screw,	6.75	9.00	15.75	18.00	24.00	27.00

GLOBE COCKS.

T HANDLE.

Inch,	¼	⅜	½	⅝	¾
Tin'd Sh'k,	6.00	8.25	10.50	13.50	16.50
Screw "	6.75	9.00	11.50	15.00	18.00

LEVER HANDLE.

Inch,	¼	⅜	½	⅝	¾
Tin'd Sh'k,	6.75	9.00	11.50	15.00	18.00
Screw "	7.50	9.75	12.00	16.50	20.00

LEVER HANDLE BIBBS.

Inch,	¼	⅜	½	⅝	¾	1
Tinned Shank,	11.00	12.00	13.50	16.00	20.00	28.00
Screw "	13.00	14.00	16.00	20.00	24.00	33.00

COMPRESSION BIBBS.

Inch,	⅜	½	⅝	¾	1	1¼
Tinned Shank,	13.00	15.00	18.00	24.00	30.00	45.00
Screw "	14.00	16.00	19.00	25.00	31.00	46.00

Oil Faucets.

Made from Iron — Keys Bushed with Brass.

T HANDLE.

TINNED SHANK.

No. 03. ⅜ inch, - - per doz., 6.00
No. 04. ½ " - - " 7.50

SCREW SHANK.

No. 3. ⅜ inch, - - per doz., 6.00
No. 4. ½ " - - " 7.50

LEVER HANDLE.

TINNED SHANK.

No. 013. ⅜ Inch, - - per doz., 6.75
No. 014. ½ " - - " 8.25
No. 05. ⅝ " - - " 9.00
No. 06. ¾ " - - " 10.50
No. 07. 1 " - - " 12.00

SCREW SHANK.

No. 13. ⅜ Inch, - - per doz., 6.75
No. 14. ½ " - - " 8.25
No. 5. ⅝ " - - " 9.00
No. 6. ¾ " - - " 10.50
No. 7. 1 " - - " 12.00

Lead Faucets.

Nos.	1	2	3	4	5
Fenn's Cork Stops,	1.75	2.25	3.25	4.50	7.00
Fenn's Patent Faucets,	2.50	3.75	5.00	7.00	10.00
Patent Star "	2.50	3.75	5.00	7.00	10.00

Wood Faucets.

CORK-LINED.

Nos.	0	2	4	6	8	10
Length,	6	7	8	9	10	11
Per doz.,	.75	.75	1.00	1.25	1.50	4.25

PATENT WOOD AND METALLIC FAUCETS.

Inch,	8	10	12	15	18
Per doz.,	6.50	7.50	8.50	9.50	11.00

Molasses Gates.

Nos.	1	2	3	4
Stebbins' Patent, per doz.,	7.00	8.00	9.00	10.00
Lincoln's " "	7.00	8.00	9.00	10.00
Weed's Self-Boring and Self-Closing, "	7.00	8.00	9.00	10.00
Enterprise Self-Measuring Faucets,			per doz.,	42.00

Shovels.

STEEL EDGE, PLAIN BACK. BLACK.

O. AMES D HANDLE, SQUARE POINT.

Nos.	2	3	4	5	6	7	8
Per doz.,	15.00	15.50	16.50	17.75	18.75	21.00	22.50

M. E. VIELE D HANDLE, SQUARE POINT.

No. 2	per doz.,	11.25

STEEL EDGE, PLAIN BACK, POLISHED.

O. Ames, D Handle Square Point, No. 2,	per doz.,	16.00
M. E. Viele, " " "	"	12.25

PATENT PLAIN BACK, SOLID CAST STEEL.

		Black.	Polished.
O. Ames, No. 2,	per doz.,	16.00	18.00
Treadwell, "	"	15.00	17.00
A. C. Ray, "	"	15.00	16.00

POLISHED BACK STRAP SHOVELS.

D HANDLE, SQUARE POINT.

O. Ames, Cast Steel, No. 2,	per doz.,	16.00
M. E. Viele, " "	"	11.00
Ætna, Best Steel, "	"	9.50
Carr, Iron, Polished, "	"	8.00
" Black, "	"	7.00

Long Handle Square Point and Long Handle Round Point, same price as D Handle Square Point. ***D Handle Round Point*** 50 cents per doz. advance on Square Point.

Shovels.—Continued.

MOULDERS' SHOVELS.

D HANDLE, SQUARE POINT.

O. Ames Patent, Plain Back, Solid Steel,	per doz.,	18.00
Treadwell " " " " "	"	17.00
R. C. Blair " " " " "	"	15.00
M. E. Viele, Polished Cast Steel Back Strap,	"	12.00

TOY SHOVELS.

C. H. Read, Pol'd Steel, per doz., 6.50 Naylor, Polished Iron, per doz., 6.00

Spades.

STEEL EDGE, PLAIN BACK.

	Black.	Polished.
O. Ames, No. 2,	16.~~50~~	17.~~50~~
M. E. Viele, No. 2,	11.~~50~~	12.~~50~~

PATENT PLAIN BACK, SOLID CAST STEEL.

	Black.	Polished.
O. Ames, No. 2,	16.50	18.00
Treadwell, No. 2,	15.50	17.00
A. C. Roy, No. 2,		16.00

POLISHED BACK STRAP.

O. Ames, Cast Steel, No. 2,	per doz.,	16.00
M. E. Viele, " " No. 2,	"	11.00
Ætna, Best " No. 2,	"	9.50
Carr, Iron, No. 2,	"	8.00

D Handle and Long Handle Spades same price.

AMES' DRAIN AND DITCH TOOLS.

D Handle Drain Spades, Nos. 1, 2, 3, 4,	per doz.,	18.00
D " Ditch "	"	18.00
T " " "	"	19.00
Long Handle Concave Drain Cleaners, to push,	"	15.00
" " Flat " " "	"	15.00

Scoops.

POLISHED CAST STEEL BACK STRAP.

Nos.	2	3	4	5	6	7	8
O. Ames, per doz.,	18.00	18.75	19.50	20.25	21.00	22.00	23.00
M. E. Viele, "	14 00	14.50	15.00	15.50	16.25	17.00	18.00

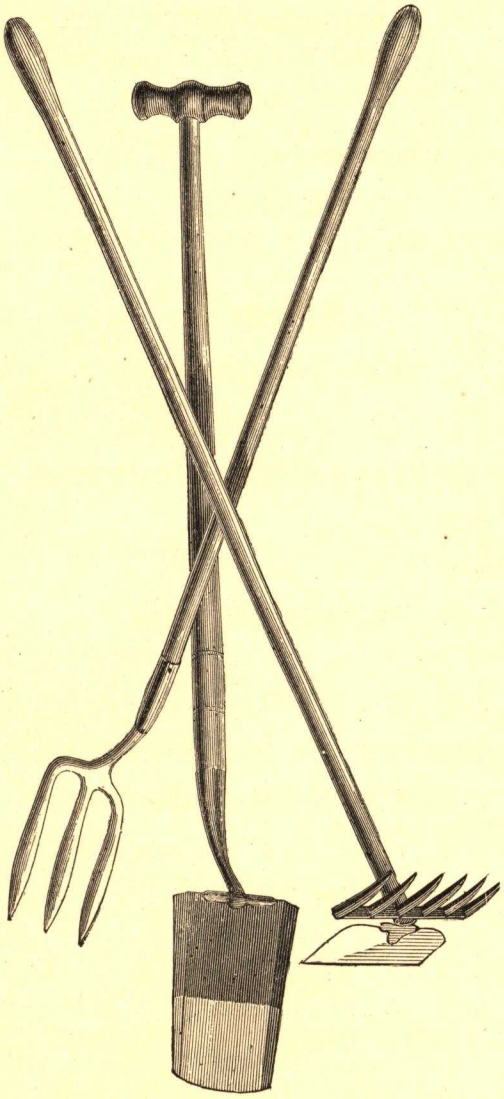
BLACK IRON BACK STRAP.

Nos.	2	3	4	5	6
M. E. Viele, per doz.,	10.00	10.50	11.00	11.50	12.00

Half Polished, 50 cents per doz. advance.

Furnace Scoops, Long or D Handle, per doz., 9.00

Floral Tools.



CUT OF NOS. 64 TO 69.

FLORAL TOOLS.

PER DOZEN PAIR.

No. 60.	1 Fork and Trowel,	4.90
No. 61.	" "	6.10

FLORAL TOOLS IN SETS.

Nos.	64	65	66
Per set,	.80	1.00	1.20

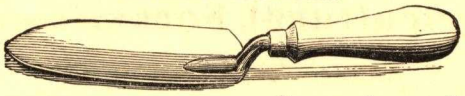
EXTRA FINISH, VARNISHED HANDLES.

Nos.	67	68	69	169 (4 pieces).
Per set,	1.20	1.40	1.67	2.00

HOE AND RAKES.

No. 1.	Cast Steel, Polished, 4 Teeth,	per doz.,	8.50
No. 2.	" " 6 "	"	9.50
No. 401.	" Hoe, Malleable Rake, 4 Teeth,	"	4.00

GARDEN TROWELS.



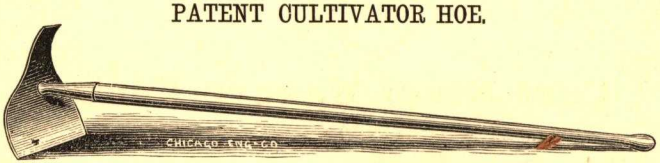
Inch,	5	6	7	8	9
Per doz.,	1.50	1.65	1.80	2.10	2.30

Cast Steel Hoes.

Nos.	1	2	3	4
Length of Blade,	8½	8	7½	7

		Socket.	Shank.
Field, Best Quality, all numbers	per doz.,	9.00	8.00
" Eagle " " "	"	8.25	7.25
" Riveted,			5.00
Street or Mortar,			13.00
Onion,			6.00
Lady's,			6.00
Toy,			4.50

PATENT CULTIVATOR HOE.



5 to 6 inch, - - - per doz., 6½ to 7½ inch, - - per doz.,

Rakes.

CAST STEEL RAKES.

Teeth,	6	8	10	12	14	16	18	20
Per doz.,	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

MALLEABLE RAKES.

Cast Steel Finish.

Teeth,	9	11	13	15
Per doz.,	5.00	5.50	6.00	6.50

BATCHELLER & SONS'

Standard Agricultural Forks.

HAY FORKS, OVAL TINES.

		Two Tined.	Three Tined.
No. 0, with 4 feet Handles,	per doz.,	6.00	
No. 1, " 5 " "	"	7.00	8.75
No. 2, " 5 " "	"	7.25	9.00
No. 3, " 5 " "	"	8.00	10.25
No. 4, " 5 " "	"	8.75	11.00

Extra Length Handles, Extra per foot, .25.

Agricultural Forks.—Continued.

MANURE FORKS, OVAL TINES.

	Plain Ferrule.	Strapped Ferrule.
Long Handle, 4 Tined,	12.50	14.00
" " 5 "	19.50	21.00
" " 6 "	22.50	24.00
Malleable D Handle, 4 Tined,	14.00	15.50
" " 5 "	21.00	22.50
" " 6 "	24.00	25.50

SPADING FORKS.

	Plain Ferrule.	Strapped Ferrule.
Long Handle, 4 Tined, Flat,	16.00	17 50
" " " Diamond,	17.00	18.50
Malleable D Handle, 4 Tined, Flat,	17.50	19.00
" " " Diamond,	18.50	20.00

POTATO DIGGERS.

Five Tined, Oval,	per doz.,	10.25
Six " "	"	11.25

Cast Steel Manure Forks.

FOUR OVAL TINES, HALF BLUED.

No. 5. D Handle, Strapped Ferrule,	per doz.,	11.50
No. 6. Long " "	"	11.00
No. 7. D " Mortised Ferrule,	"	10.50
No. 8. Long " "	"	10.00

FOUR OVAL TINES, FULL POLISHED.

No. 105. D Handle, Strapped Ferrule,	per doz.,	12.50
No. 106. Long " "	"	12.00
No. 107. D " "	"	11.50
No. 108. Long " "	"	11.00
No. 1. D " " 6 Tines,	"	25.00

CAST STEEL SPADING FORKS.

D HANDLE, FULL POLISHED.

No. 67. Four Tine, Flat Back, Mortised Ferrule,	14.00
No. 68. " " " Strapped "	16.00
No. 70. " Angular Back " "	17.00
No. 72. Five Tine " " " "	19.00

POTATO HOOKS.

Flat Tine,	4 Tines.	5 Tines.	
Per doz.,			
Round Tine,	4 Tines.	5 Tines.	6 Tines.
Per doz.,			
Square Tine,	4 Tines.	5 Tines.	6 Tines.
Per doz.,			

Hop Hooks, 4 Tine, - - - - - - - - - - - - - - per doz.,

Scythes.

Steel Back, Red, assorted, 36 to 41, and 38 to 42,	per doz.,	11.50
Silver Steel, " " " "	"	13.25
Good as Gold, Bronzed, " " "	"	14.50
Golden Clipper, Polished, Sharpened and Boxed,	"	16.00
Sabre Blade, " all over, " " "	"	17.00
Grain, Straight and Mulay,	"	16.00
Bush, Heavy,	"	12.50
Lawn, "	"	12.50

Scythe Snaths.

Ring Nos.	1	2	3	Dutch.		Bush.
Per doz.,	8.50	7.50	6.00	9.50		9.00
Patent Nos.				102	2	10
Per doz.,				9.00	9.50	10.00

Grain Cradles.

	Straight.	Genuine R. Morgan's Mulay.
Per doz.,		

Scythe Stones and Rifles.

Oval Nos.	1	2	Rifles,	2 Coat.	3 Coat.
Per gross,	10.00	6.00	Per gross,	7.75	8.88
Square Nos.	1	2			
Per gross,	12.00	8.00			

Grindstones.

Berea, per ton, Huron, per ton,

Grindstone Fixtures, see page 29.

Hay and Straw Knives.

Hay Knives, Nos.	1	2	Spear.	Fishers'.	Lightning.
Per doz.,	15.50	14.50	16.50	20.00	30.00

Straw Knives, Red,	1	2	Blue,		1	2
Per doz.,	15.50	14.50	Per doz.,		15.00	14.00

Handles.

Hoe, per doz., **Rake**, per doz.,

Hay Fork, feet,	5	5½	6
Per doz.,			

Manure Fork,	Long.	D.	Malleable D.
Per doz.,			

Shovel,	Long.	D.	**Spade**,	Long.	D.
Per doz.,			Per doz.,		

Scoop, D,
Per doz.,

Teeth.

DRAG TEETH.

Iron, per pound,	⅝	¾	⅞	Steel, per pound,	⅝	¾	⅞

	1 Horse.	2 Horse.
Cultivator Teeth, Reversible, each,		
" " Solid Steel, "		
Plates for " "		

Small Bolts, each, Large Bolts, each,

Corn Knives, Plain, per doz., 2.75 Strapped Handle, per doz., 3.00

Grass Hooks, Nos.	2	3
Per doz.,	5.50	6.00

Bush Hooks, Axe Handle, per doz., 18.00

Tinsmiths' Tools and Supplies.

HAND SHEARS.

Nos.	10	9	8	7	6½
Cut, Inch,	2½	3	3½	4	4½
Straight, each,	1.40	1.50	2.00	2.50	3.00
Circular, "	2.25	2.50	3.00	3.50	

BENCH SHEARS.

Nos.	6	5	4	3	2	1	0	00
Cut, Inch,	6	7	8	8⅜	8⅝	9	10½	12
Each,	3.50	4.00	5.00	6.00	7.00	8.00	12.00	13.50

CUTTING NIPPERS.

Nos.	5 Small.	4 Small.	3 Com.	2 Large.	1 Extra Large.
Each,	1.00	1.40	1.50	2.00	2.25

Solid Punches, Nos. 0, 1, 2, 3, 4, 5, 6, 7, each, .12

Hollow Punches, to 1¾ Inch, per inch, 1.00 Larger, per inch, 1.25

Rivet Sets and Headers, Nos.	7 and 8	5 and 6	3 and 4	1 and 2	0 and 00
Each,	.32	.37	.50	.63	.75

Grooving Tools, Nos.	7 and 8	5 and 6	3 and 4	1 and 2	0 and 00
Each,	.25	.37	.50	.63	.75

TINNED KETTLE EARS.

Nos.	1	2	3	4	5	6	7	8	**Tea Kettle.**	4	5	6
Per gross prs.	.88	1.00	1.50	1.75	2.10	2.75	3.75	4.50		2.00	2.25	2.75

HEAVY FRENCH PATTERN.

Nos.	1	2	3	4	5	6	7
Per gross pairs,	1.00	1.25	1.50	1.75	2.00	2.50	3.00

MALLEABLE IRON.

Nos. 1, 2, 3, per pound, .20

Snuffers, with Springs, per gross, Black, 14.00 Bright, 14.50

Tinsmiths' Supplies.—Continued.

STOW'S TEA POT HANDLES.

	JAPANNED.				BRONZED.		
Nos.	1	2	3	Nos.	12	13
Length,	4½	5½	6½	Length,	5½	6½
Per gross,	11.50	12.50	13.50	Per gross,	13.50	15.00

HALSTED'S SHEET METAL TEA POT HANDLES.

No. 110.	Polished, per gross,	12.00	No. 210.	Japanned, per gross,	13.50
No. 115.	" "	13.50	No. 215.	" "	15.00

MALLEABLE IRON SAUCE-PAN HANDLES.

Nos.	1	2	3	4	5	6	Japanned.	Tinned.
Length,	5½	6	6½	7¼	8	9	per lb., .16	.20

SOLDERING COPPERS.

1½ pounds per pair, - - - - - - - - - - - - - per pound,
2, 3, 4, 5, 6, 7, 8, 9, 10, 12 pounds per pair, - - - - - - "

BRASS KETTLES.

Measured across Top.

Inch,	7	8	9	10	11	12	13	14	15	16	17	18	19	20	22	24	26
Capacity, Gal's,	½	1	1½	2	2½	3	4	4½	5	6	8	10	12	14	18	25	32
Weight,	1	1½	2½	3	3½	4	5	5¾	6½	7½	9	10½	12½	16½	20	27½	34½

All sizes, - - - - - - - - - - - - - - - - - per pound,

Stamped Tin Ware.

STRAIGHT PANS.

Pints,	½	1	2	3	Quarts,	2	3	4	6	8	10	12
Plain,					Plain,							
Retinned,					Retinned,							

FLARING PANS.

Pints,	½	1	2	3	Quarts,	2	3	4	6	8	10	12
Plain,					Plain,							
Retinned,					Retinned,							

EXTRA DEEP PANS.

Pints,	1	2	3	Quarts,	2	3	4	5	6	8	10
Plain,				Plain,							
Retinned,				Retinned,							

MEDIUM DISH PANS.

RETINNED.

Quarts,	7	8	10	14	17	21	30
Per doz.,							

Stamped Tin Ware.—Continued.

WASH BASINS.

Nos.	12	13	14	Nos.	024	026	028
Inch,	9¾	10⅜	11⅛	Inch,	9¾	10⅜	11⅛
Plain,				Plain,			
Retinned,				Retinned,			

Pie Plates, Inch, 8 9 10 Deep, 9 10 11
Per gross,

Lettered Plates, Inch, 5½ 6
Per gross,

Dippers, 1 pint. 1 2 4 quart.
Per gross,

Dipper Handles, ½, 1 pint. 1 2 quart.
Length, 8¾ 9⅞ 10⅞ 11⅞
Per gross,

Jelly Cake Pans, Inch, 9 10
Per gross,

LIPPED SAUCE PANS—LIGHT.

Nos.	010	012	014	016	018	020	022	024	026
Quarts,	¾	1	1½	2	2½	3	4	5	6
Per doz.,									

Cullenders, Inch, 10 10½ 11½ 13
Per doz,

Drinking Cups, Nos. 8 9 10 08 09 010
Per doz.,

Grocers' Scoops, 3 4 5 Covered, 30 40 50
Per doz., Per doz.,

Deep Stamped Ladles, 9 10 11 12
Diameter, 3¾ 4 4¼ 4¾
Plain, per doz.,
Pierced, "

Tinned Soup Ladles, Wood Handles, 29 30
Per doz.,

Britannia Soup Ladles, Wood Handles, 9 KK 9 K 9
Diameter, Inch, 3½ 3½ 3¾
Per doz.,

Flat Skimmers, Inch, 4⅜ 4¾ 5 5⅜ 5¾ 6¼
Threaded Handle, per doz.,
Flat " "

Gravy Strainers, Nos. 1 2 3
Diameter, 3¾ 4¼ 5

Milk Skimmers, Pierced, per gross,

Plain Coffee Pot Covers, 3 pint. 2 3 4 5 6 quart.
Inch, 3 3-16 3⅜ 3¾ 4½ 5 5⅛
Per gross,

Stamped Tin Ware.—Continued.

Rimmed Covers for Coffee Pots, Tea Pots, Buckets, &c.
Inch, - - - - - - 2¾ 3 3½ 4 4½ 5 5½ 6 6½ 7
Per gross, - - - -

Wash Bowl Bottoms, 6⅜ Inch, - - - - - - - - - - per gross,

" **Ends or Canopies,** 1⅜ Inch, - - - - - - - - "

Round Stamped Tea Pot Breasts and Covers,
Inch, - - - - - - - - - - - - 4¼ 4⅝ 4⅞ 5¼ 5 7-16
Without Hinges, Pints, - - - - - - - - - 2 3 4 5 6
Per gross, - - - - - - - - - - - -
With Hinges, Pints, - - - - - - - - - -
Per gross, - - - - - - - - - - - -

Round Spun Tea Pots, Breasts and Covers,
Pints, - - - - - - - - - - - - - - - 2 3 4 5 6
Diameter, - - - - - - - - - - - - - - - 4 4⅜ 4⅝ 5 5 5-16
Without Hinge, - - - - - - - - - per gross,
With " - - - - - - - - - "

Tea and Coffee Pot Spouts, Fluted, Nos. - - - - - - - - 1 2 3
Per gross, - - - - - - - - - - - - - - - - - -

Tea Kettle Spouts, - - - - - - - - - - - per gross,

Bent Can Spouts, - - - - - - - - - - - - "

Grater Plates, Sheet, - - - - - - - - - - - - - - - ¼ ½ 1
Per gross, - - - - - - - - - - - - - - - - - -

Stove Pipe Rings, Inch, - - - - - - - - 4½ 5 5¼ 5½ 5¾ 6
Tin, - - - - - - - - - - per gross,
Zinc, - - - - - - - - - - "
Brass, - - - - - - - - - - "

Round Patty Pans, Plain, - - - - - per gross, 2½ 3 3½ 4
" " Crinkled, - - - - "
" " Scolloped, - - - - "

Funnels, Corrugated, Nos. - - - - - - 1 2 3 4 5
½ pt. 1 pt. 1 qt. 2 qt. 4 qt.
Per doz., - - - - - - - - - - - - -

Cake Cutters, ass'd, No. 1, per gross, No. 2, per gross, - - - - -

Graters, - - - - - - - - - - - ¼ Sheet. ½ Sheet. 1 Sheet.
Per doz., - - - - - - - - - - - -

STAMPED WARE—UNFINISHED.

Boiler Covers, Inch, - - - - - - - - - - - 6 7 8 9
Per doz., - - - - - - - - - - - - - -

Tea Kettle Breasts, Inch, - - - - 8½ 9 9½ 10 10½ 11 11½ 12½
With Plain Covers, - - - per gross,
" Rimmed " - - - "

Copper Tea Kettle Trimmings, complete, Breast Covers, Handle, Spout,
per doz. sets, -

Pot Covers, Inch, - - 7¼ 7⅝ 8¼ 8⅝ 9¼ 10¼ 10⅝ 11¼ 11⅝ 12¼ 12⅝ 13½
Per gross, - - - - -

Bucket Covers, Pint, 1 2 3 Quart, 2 3 3½ 4 6 8 10 12 14
Per gross, - - - - Per gro.,

Japanned Ware.

Candlesticks, Jap'd, No. 1, per gross, No. 2, - - - - - per gross,
Planished, B Nos. - - - 0 1 D Nos. - - - - - - - 1 2
Per gross, - - - - - - Per gross, - - - - - -

Canisters, Coffee and Tea, pounds, - - - - - - ½ 1 2 3 4
Per doz., - - - - - - - - - - - - - -

Trunks, Brass Handle, in Nests of 5, - - - - - - per doz. Nests,

Cash Boxes, Inch, - - - - - - - - - - - - - 9½ 10½ 11½
With Locks, - - - - - - - - - - - - per doz.,
With Hasps, - - - - - - - - - - - - "

Lunch Boxes, Square, per doz., - Book, per doz., - - - - - -

Spittoons, Common, per doz., - - Fancy Stamped, per doz., - - -

Molasses Cups, - - - - - - - - - ½ Pint. 1 Pint. 1 Quart.
Per doz., - - - - - - - - - -

Pepper Boxes, - - - - - - - - Small. Large. Dredge Boxes.
Per gross, - - - - - - - - - -

Match Safes, - - - - - - - - Square. Small. Large. Twin.
Per gross, - - - - - - - - -

Nutmeg Graters, Box, per gross, Rotary, per doz., - - - - - -

Dust Pans, - - - - - - - - Tin Handle. Iron Handle. Patent.
Per doz., - - - - - - - - -

Toy Cups, - - - - - - - - Small. Medium. Large.
Straight, - - - - per gross,
Flaring, - - - - "

Pails, Covered, - - "

Toy Banks, Gothic, - - - - - - - - - - - Small. Large.
Per doz., - - - - - - - - - - - -

Toy Banks, Cast Iron, Nos. 103 104 105 108
Small, Medium. Large. Large, with Cashier.
Per doz., - - - - - -

Rattles and Whistles, - - - - - - - - - - - per gross,

Tobacco Boxes.

Oval, Nos. - - - - - - - - - 20 22 25 30
Capacity, - - - - - - - - - 1 paper. 2 papers. ¼ pound. ½ pound.
Per doz., - - - - - - - - -

Round Watch Pattern, Small. Large. Small. Large.
With Ring, - per doz., Without Ring, - per doz.,

Spectacle Cases, Nos. - - - - - - Short. Medium. Long.
Per doz., - - - - - - - - - 20 25 30

Tinsmiths' Supplies.

Stove Polish, - - - - - - - - - - - - - Dixon's. Gold Medal.
Per gross, - - - - - - - - - - - - -

Copper Pits, - - - - - Tea Kettle. Oval Boiler. Round Boiler.
All sizes, 6 to 10 Inch, per lb.,

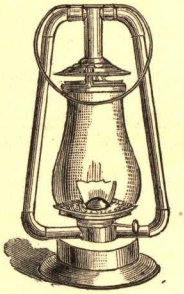
Perforated Tin, - - - - Fine. Medium. Coarse. Extra Coarse.
Per dozen Sheets, - - - -

Tea and Coffee Pot Knobs.

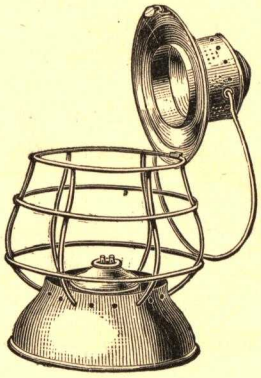
Nos.	1 Small.	2 Medium.	3 Large.
Tin, per gross,			
Britannia Bright, "			
" Black, "			
" Bright, Bird, per gross,	Small.		Large.
" " Acorn, "			

Can Screws, Zinc., Inch,	½	¾	1	1¼	1½
Per gross,					
Breckenridge's Brass Can Tops, Inch,		¾	1	2	1¼
Per gross,					

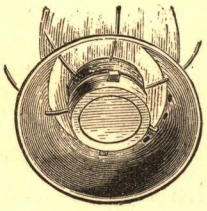
Lanterns.



TUBULAR.



PEERLESS.



CUT OF BASE THROUGH WHICH THE RAYS OF LIGHT STRIKE DOWNWARD.

Tubular, No. 0. Per doz.,

Peerless, No. 5, Tin.

No. 10, Brass Trimmings.

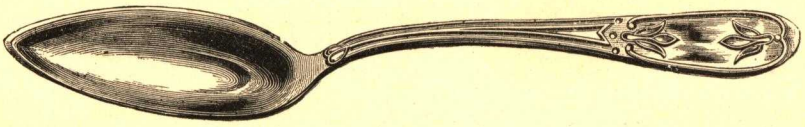
Police Lanterns, Small, per doz., Large, - - - - - per doz.,

Lantern Globes, Tubular, per doz., Peerless, - - - - - "

Conductor's Lanterns — In Nickle, Silver Plated and Burnished Brass.

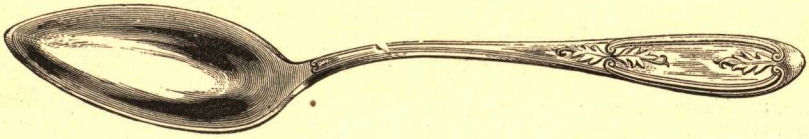
Spoons.

ALBATA METAL — WIRE STRENGTHENED.

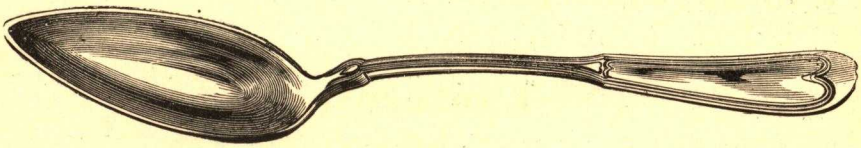


No. 1200.	Brunswick Pattern, Table,	per gross,	22.12
No. 601.	" " Tea,	"	11.06

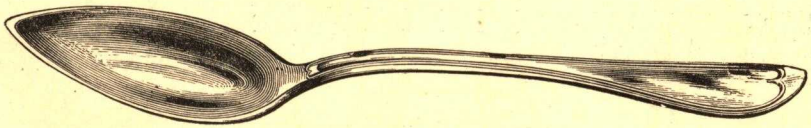
Spoons.—Continued.



No. 3200. Olive Pattern, Table, - - - - - - - - - per gross, 22.00
No. 1600. " Tea, - - - - - - - - - " 11.00

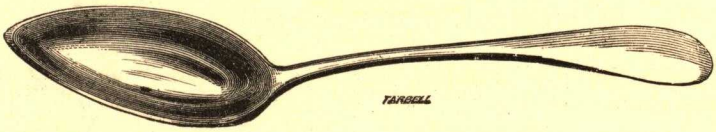


No. 3100. Tipped and Threaded Pattern, Table, - - - per gross, 20.00
No. 1550. " " " Tea, - - - - " 10.00



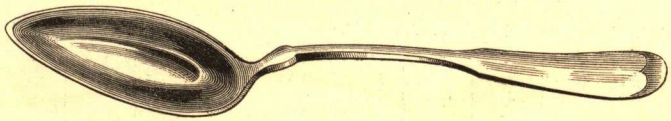
No. 2800. French Pattern, Table, - - - - - - - - per gross, 19.00
No. 1400. " " Tea, - - - - - - - - " 9.50

BRITANNIA METAL—WIRE STRENGTHENED.



No. 1392. Table, - - - - - - - - - - - - - per gross, 13.00
No. 1390. " - - - - - - - - - - - - - " 12.00
No. 6902. Tea, - - - - - - - - - - - - - " 6.50
No. 6900. " - - - - - - - - - - - - - " 6 00

FIDDLE HANDLE SPOONS—METALLIC STRENGTHENED.



No. 100. Table, - - - - - - - - - - - - - per gross, 18.00
No. 90. " - - - - - - - - - - - - - " 16.00
No. 50. Tea, - - - - - - - - - - - - - " 9.00
No. 80. " - - - - - - - - - - - - - " 8.00

Spoons.—Continued.

PATENT SILVER STEEL SPOONS.

Same Pattern as No. 3200 Albata.

No. 8.	Table,	per gross,	13.50
No. 8.	Tea,	"	6.75

TINNED IRON SPOONS.

No. 216.	Threaded Table,	per gross,	6.25
No. 115.	" Tea,	"	3.50
No. 60.	" Table, Riveted Bowl,	"	5.25
No. 30.	" Tea, " "	"	3.25
No. 11½.	Round Handle, " " Table,	"	6.00
No. 9½.	" " " " Tea,	"	3.50

Tin Spoons, No. 1, Tea, per gross, 1.75 No. 4, Table, per gross, - - - 3.50

TINNED IRON BASTING SPOONS.

		10	12	14	16
Inch,					
Flat Handle, Riveted,	per doz.,	1.10	1.20	1.40	1.60
Threaded Handle, Solid,	"	1.20	1.40	1.60	1.80
Forged Basting Spoons,	"	1.50	1.75	2.00	2.25

GERMAN SILVER SPOONS.

		Table.	Tea.
Plain,	per gross,	42.00	21.00
Tipped,	"	45.00	22.50

Plated Spoons and Forks.

SPOONS.	Extra plate.	Double plate.	Triple plate.
TEA.	No. 2.	No. 4.	No. 6.
Plain	$4 00	$5 25	$6 50
Tipped and Fiddle	4 25	5 50	6 75
Oval Thread	4 50	5 75	7 00
Olive	4 75	6 00	7 25
DESSERT.	No. 3.	No. 6.	No. 9.
Plain	7 00	9 00	11 00
Tipped and Fiddle	7 50	9 50	11 50
Oval Thread	8 00	10 00	12 00
Olive	8 50	10 50	12 50
TABLE.	No. 4.	No. 8.	No. 12.
Plain	8 00	10 50	13 00
Tipped and Fiddle	8 50	11 00	13 50
Oval Thread	9 00	11 50	14 00
Olive	9 50	12 00	14 50
SALT.			
Tipped	3 75	5 00	6 25
Oval Thread	4 00	5 25	6 50
Olive	4 25	5 50	6 75

FORKS.	Extra plate.	Double plate.	Triple plate.
DESSERT.	No. 3.	No. 6.	No. 9.
Tipped and Fiddle	$7 50	$9 50	$11 50
Oval Thread	8 00	10 00	12 00
Olive	8 50	10 50	12 50
MEDIUM.	No. 4.	No. 8.	No. 12.
Tipped and Fiddle	8 50	11 00	13 50
Oval Thread	9 00	11 50	14 00
Olive	9 50	12 00	14 50
TABLE.	No. 4.	No. 8.	No. 12.
Tipped	9 00	11 50	14 00
Oval Thread	9 50	12 00	14 50
Olive	10 00	12 50	15 00
SUGAR SHELLS.			
Oval Thread	7 50	9 50	11 50
Olive	8 00	10 00	12 00

Plated Butter Knives.

SOLID OR FLAT HANDLE.	Extra plate.	Double plate.	Triple plate.	TWIST OR REVERSED HANDLE.	Extra plate.	Double plate.	Triple plate.
Oval Thread - - -	$8 50	$10 50	$12 50	Oval Thread - - -	$10 00	$12 00	$14 00
Olive - - - - - -	9 00	11 00	13 00	Olive - - - - - -	10 50	12 50	14 50
SPOON OR BENT HANDLE.				HOLLOW HANDLE.			
Tipped - - - - -	8 00	10 00	12 00	Oval Thread - - -	10 50	12 50	14 50
Oval Thread - - -	8 50	10 50	12 50	Olive - - - - - -	10 50	12 50	14 50
Olive - - - - - -	9 00	11 00	13 00				

Roman, Persian, Gothic, and other Fancy Patterns — Same List as ***Olive.***

Clothes Wringers.

UNIVERSAL.

No. 2. Extra Family Size, 10 inch Rollers, - - - - - - - per doz.,
No. 1½. Large " 11 " - - - - - - - "
No. 1. Usual Hotel Size, 12 " - - - - - - - "

NOVELTY.

No. 2. Family Size, 10 inch Rollers, - - - - - - - - - per doz.,
No. 3. Large Family Size, 11 inch Rollers, - - - - - - - "

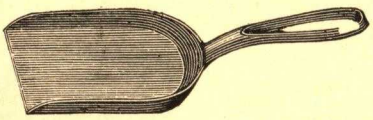
Wood Ware.

Wash Boards, - - - - - - - - Pieced. Double. Combination.
Per doz., - - - - - - - - -

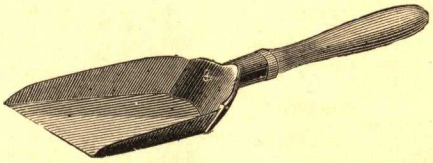
Clothes Pins, Saratoga, - - - - - - - - - - - - - per box,

Mop Sticks, - per doz.
Taylor's, - - - - - - - - - - - - - - - - - - -
Seymour's Combined Mop Sticks and Brush Holder, - - - - - -

Stove Shovels.



Nos. 1 and 2.



Nos. 12 and 13.

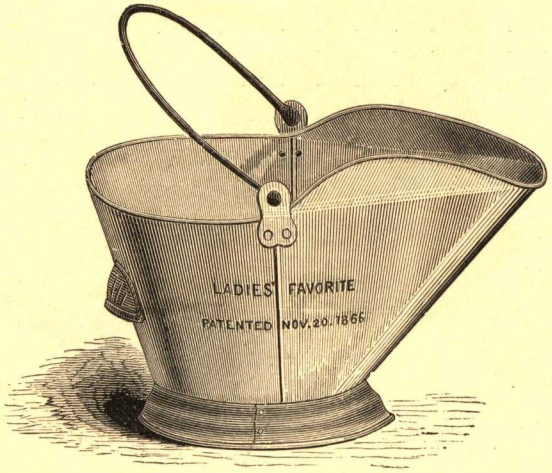
No. 1.	Cast Iron, - - - - - - - - - - - - - - - - - - -

Stove Shovels.—Continued.

GEM STOVE SHOVELS.

No. 1.	All Wrought Iron,		1.25
No. 2.	" "	Oval Handle,	1.50
No. 3.	" "	Long, Oval Handle, Large,	2.50
Stove Cover Lifters,	Wood Handle,	per gross,	5.00
Stove Pokers,	"	No. 1, 16 Inch, "	14.00
"	"	No. 2, 19 " "	16.00
Coal Tongs,	Japanned.	per doz.,	2.25

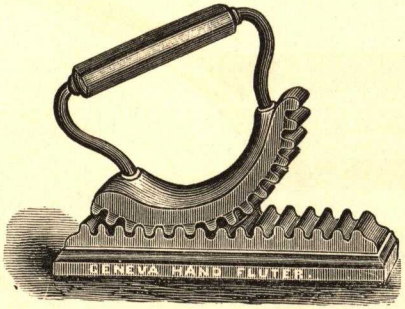
Coal Hods.



LADIES' FAVORITE COAL HODS.

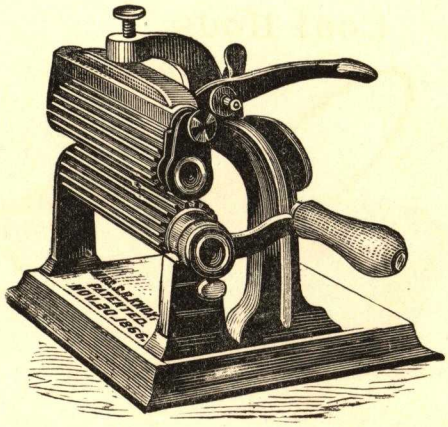
		Japanned.	Galvanized.
15 Inch,	per doz.,	15.00	19.00
16 "	"	16.00	20.00
17 "	"	18.00	22.00
18 "	"	20.00	25.00

Geneva Fluters.



White Metal, - - - per doz., 15.00 Extra Bases, White Metal, per doz., 9.00
Brass, - - - - - " 20.00 " " Brass, - - " 14.00

Knox Fluting Machines.



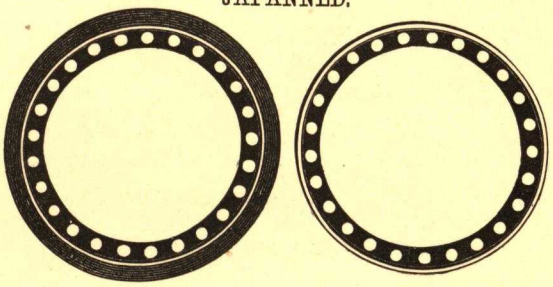
With 4 inch Rollers, - - - - - - - - - - - - - - each,
" 6 " " - - - - - - - - - - - - - "
" 8 " " - - - - - - - - - - - - - "

Stove Pipe Dampers.

Inch,	5	5½	6	7
Per doz.,	.88	.94	1.00	1.75
With Patent Wood Handles, Inch,	4½	5	5½	6
Per doz.,	1.13	1.25	1.38	1.50

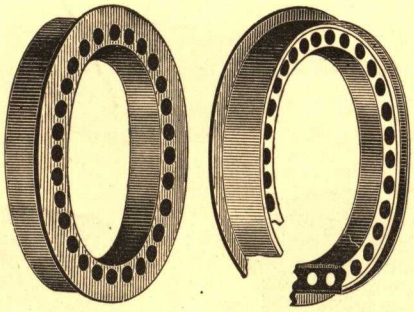
Wall Safes.

JAPANNED.



Inch,	5	6	7
Per doz.,	2.50	3.00	3.50

BUTTLE'S PATENT.



Inch,	5	6	7
Per doz.,	3.00	3.00	3.50

Sad Irons.

Common Sad Irons, Nos. 2 and 3, - - - - - - - - - per pound,
" " Nos. 4 to 12, - - - - - - - - - "

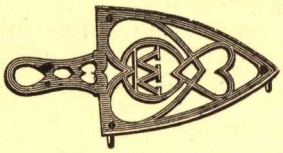
Tailors' Geese, - - - - - - - - - - - - - - - - - - "

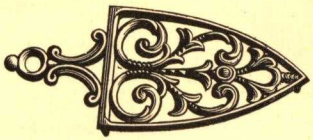
Gleason's Shield Irons, with Wood Handle, Nos.	6	7	8
Per doz.,	5.50	6.00	6.50

Gleason's Shield Toilet Irons, Nickel Plate, per doz., 8.00 Plain, per doz., 6.00

Patent Charcoal Irons, per doz., 12.50 Tailors' Size, per doz., - - - 25.00

Sad Iron Stands.





No. 3. Per doz., - - - - - - .65 No. 4. Per doz., - - - - - - .75

Fry Pans.

BURNISHED.

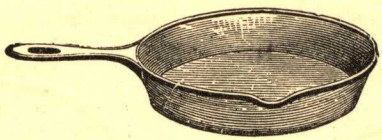
Nos.	0	1	2	3	4	5	6	7	8
Inch,	8	8¾	9½	10	10¾	11	12	13	14
Per doz.,	3.00	3.75	4.25	4.75	5.25	6.00	7.00	8.00	9.00

DEEP FRY PANS.

POLISHED.

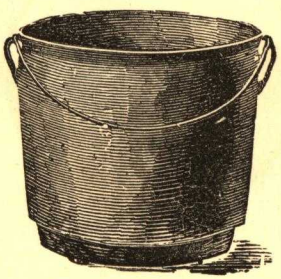
Nos.	1	2	3	4	5	6	7	8
Inch,	7⅞	8½	9	9⅝	10	11¼	13⅛	14⅛
Per doz.,	4.00	4.50	5.00	5.50	6.50	7.50	9.00	10.00

Hollow Ware.



SPIDER.

POT.



KETTLE.

STOVE HOLLOW WARE.

PIT OR ROUND BOTTOM.

Nos.	5	6	7	8	9	10
Pots, each,	.55	.60	.74	.84	.93	1.07
Kettles, "	.40	.40	.53	.61	.72	.78
Spiders, "	.20	.25	.28	.30	.35	.40

Hollow Ware.—Continued.

ECCENTRIC, PIT OR ROUND BOTTOM.

Nos.	5½	6½	6×7	7×8	8×9	9×10
Pots, each,	.60	.74	.74	.84	.93	1.07
Kettles, "	.40	.53	.53	.61	.72	.78
Spiders, "	.25	.28	.28	.30	.35	.40

LARGE ECCENTRIC, PIT BOTTOM.

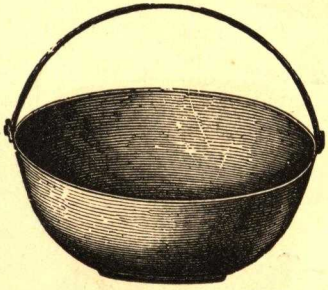
Nos.	6×8	7×9	8×10	9×11
Pots, each,	.84	.93	1.07	1.75
Kettles, "	.61	.72	.78	1.25
Spiders, "	.30	.35	.40	.45

TEA KETTLES.

Nos.	6	7	8	9	10	11
Each,	.75	.80	.90	1.00	1.20	1.30

With Wood Handles, 5 cents extra each, net.

SCOTCH BOWLS.



YANKEE BOWLS.

Nos.	1	2	3	4	5	6
Scotch Bowls, each,	.35	.40	.45	.50	.60	.70
Yankee " "	.30	.35	.45	.55	.70	.80

MASLIN KETTLES.

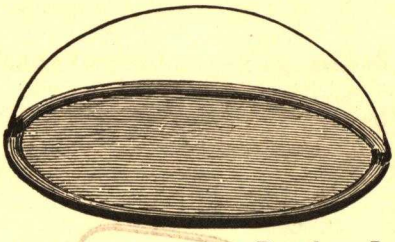
Nos.	1	2	3	4	5	6
Each,	.25	.30	.35	.40	.70	.80

Bread Pans, each, .40

Ground Hollow Ware, 5 cents per piece extra, net.

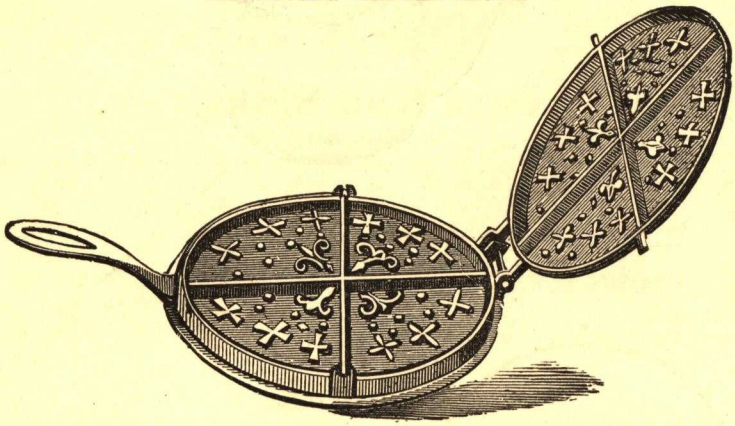
Hollow Ware.—Continued.

GRIDDLES.



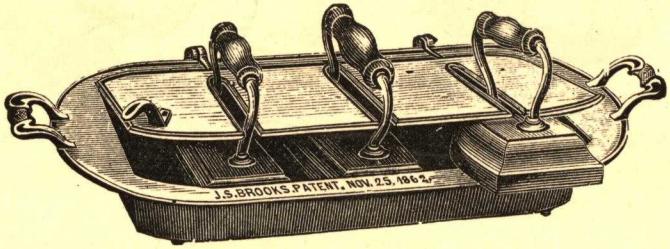
Inch,	Round.	Long.	7	8	9
Each,	.60		.65	.75	.85

REVOLVING WAFFLE IRONS.



Inch,	6×7	7×8	8×9	9×10
Each,	.70	.85	1.00	1.10

PATENT SAD IRON HEATERS.



Inch,	7	8	9
Each,	1.00	1.25	1.50

Enameled Ware.

MASLIN KETTLES—RIMMED BOTTOM.

Quarts,	2	3	4	5	6	7	8	10	12	14	16	20	24
Each,	.45	.60	.75	.90	1.10	1.20	1.30	1.40	1.50	1.75	2.00	2.50	3.00

SCOTCH BOWLS.

Nos.	1	2	3	4	5	6
Each,	.60	.75	.90	1.10	1.20	1.30

YANKEE BOWLS.

Nos.	1	2	3	4	5	6
Each,	.60	.75	.90	1.10	1.20	1.30

SAUCE PANS—ENAMELED OR TINNED.

Pints,	1	1½	2	3	Quarts,	2	2½	3	4
Each,	.39	.44	.48	.56	Each,	.63	.68	.73	.84

Quarts,	5	6	7	8	10	12
Each,	.96	1.11	1.21	1.31	1.56	1.70

GLUE POTS—ENAMELED OR TINNED.

Nos.	000	00	0	1	2	3	4	5
Per doz.,	5.00	5.50	6.00	6.75	8.40	10.26	12.42	14.58

Cast Iron Sinks.

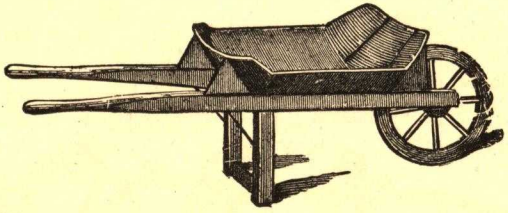
6 Inches Deep.

Size,	24×16	30×18	36×20	42×20	48×21	36×20 (5 in Deep.)
Each,	2.50	3.75	5.00	5.75	7.25	3.75

Clay Furnaces.

Nos.	1	2	3	4	5	6	7
Iron Hooped, each,	1.65	1.35	1.05	.80	.70	.50	.35
Covered with Sheet Iron, each,	2.10	1.80	1.50	1.35	1 10	.95	.65

Barrows.



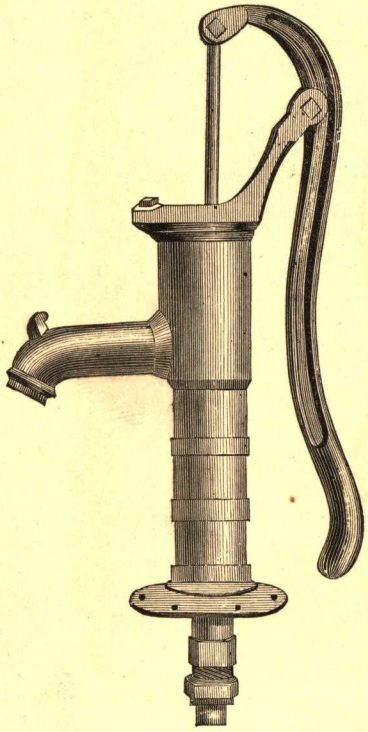
Canal Barrows, Wood Wheels, each, - - - - - - - - - - - -
" Iron " " - - - - - - - - - - - -
" Extra Large. " - - - - - - - - - - - -

Coal Barrows, No. 1, each, No. 2, each, No. 3, each,
" with Iron Wheels, cents extra, - - - - - - - - -

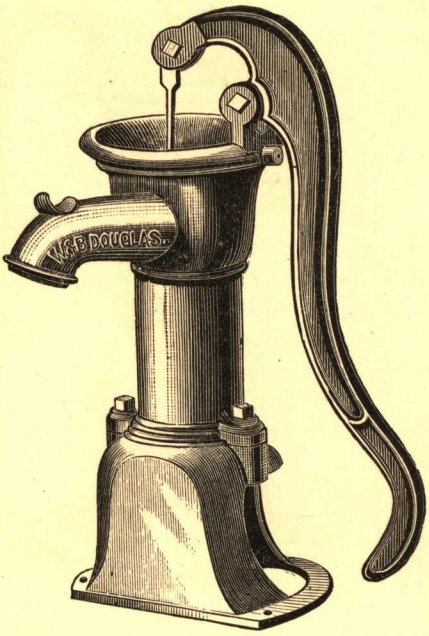
GARDEN BARROWS.

No. 1. Large, each, No. 2. Medium, each, No. 3. Small, each,
With Springs, extra, each, - - - - - - - - - - - - - - - - -

W. & B. Douglass' Pumps.



CISTERN.



PITCHER TOP.

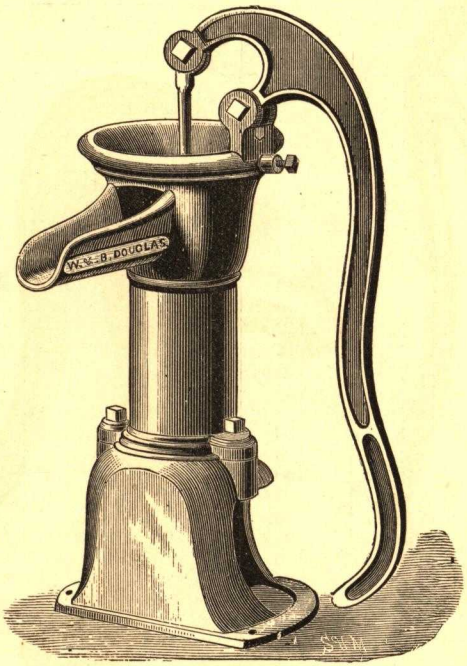
CISTERN.

No. 0.	2 Inch Bore,	suitable for	$\frac{3}{4}$	Inch pipe, each,	3.50
No. 1.	$2\frac{1}{4}$ "	"	"	$\frac{3}{4}$ or 1 Inch pipe, each,	4.00
No. 2.	$2\frac{1}{2}$ "	"	"	1 or $1\frac{1}{4}$ " "	4.50
No. 3.	$2\frac{3}{4}$ "	"	"	$1\frac{1}{4}$ or $1\frac{1}{2}$ " "	5.00
No. 4.	3 "	"	"	$1\frac{3}{4}$ or 2 " "	6.50

PITCHER TOP.

No. 1.	$2\frac{1}{2}$ Inch Bore,	suitable for	$\frac{3}{4}$	or 1 Inch pipe, each,	4.25
No. 2.	3 "	"	1	or $1\frac{1}{4}$ " "	4.75
No. 3.	$3\frac{1}{2}$ "	"	$1\frac{1}{4}$	or $1\frac{3}{4}$ " "	5.25
No. 4.	4 "	"	$1\frac{1}{2}$	or $1\frac{3}{4}$ " "	5.75

Pumps.—Continued.



PITCHER SPOUT.

CUCUMBER WOOD PUMP.

PITCHER SPOUT.

No. 1.	2½ Inch Bore, suitable for ¾ or 1 Inch pipe, each,	- - - - - -	4.25
No. 2.	3 " " 1 or 1¼ " "	- - - - - -	4.75
No. 3.	3½ " " 1¼ or 1½ " "	- - - - - -	5.25
No. 4.	4 " " 1½ or 1¾ " "	- - - - - -	5.75

CAPACITY OF PUMPS.

Nos.	0	1	2	3	4
Gallons per minute,	6	8	12	15	22

CUCUMBER WOOD PUMPS.

6 Feet Pumps and 12 feet Pipe each,	- - - - - - - - - - -
7 " " " "	- - - - - - - - - - -
8 " " " "	- - - - - - - - - - -
10 " " " "	- - - - - - - - - - -
With Iron Spouts, extra, each,	- - - - - - - - - - -
Extra Pipe,	- - - - - - - - - - - per foot,
Extra Couplings,	- - - - - - - - - - - "

HYDRAULIC RAMS,
FORCE PUMPS,

DRIVE WELL PUMPS,
YARD PUMPS.

List on Application.

Metals.

The following Sizes of ***Tin*** and ***Terne Plates*** kept constantly on hand.

CHARCOAL TIN PLATES.

TIN.	Size.	No. of Sheets.	Average weight, including box.	Wire Gauge.
IC	10 ×14	225	120 lbs.	No. 29
IX	10 ×14	225	150 "	" 27
IXX	10 ×14	225	170 "	" 26
IXXX	10 ×14	225	190 "	" 25
IXXXX	10 ×14	225	210 "	" 24½
IC	12 ×12	225	120 "	" 29
IX	12 ×12	225	150 "	" 27
IXX	12 ×12	225	170 "	" 26
IC	14 ×20	112	120 "	" 29
IX	14 ×20	112	150 "	" 27
IXX	14 ×20	112	170 "	" 26
IXXX	14 ×20	112	190 "	" 25
IXXXX	14 ×20	112	210 "	" 24½
IC	11 ×11	225	100 "	" 29
IX	11 ×11	225	125 "	" 27
SDC	11 ×15	200	180 "	" 26
SDX	11 ×15	200	205 "	" 25
SDXX	11 ×15	200	215 "	" 24½
DC	12½×17	100	105 "	" 28
DX	12½×17	100	135 "	" 26
DXX	12½×17	100	155 "	" 24
DXXX	12½×17	100	175 "	" 23
DXXXX	12½×17	100	195 "	" 22
DXX	15 ×21	100	235 "	" 24
DXXX	15 ×21	100	270 "	" 23
DXXXX	15 ×21	100	305 "	" 22
IC	14 ×14	225	170 "	" 29
IX	14 ×14	225	205 "	" 27
IXX	14 ×14	225	240 "	" 26
IXXXX	14 ×14	225		" 24½
IXX	30 ×72	About 49	11½ oz. per ft.	" 26
IXXX	30 ×72	About 45	13 " "	" 25
IXXXX	30 ×72	About 40	14½ " "	" 24½

COKE TIN PLATES.

IC	10 ×14	225	120 lbs.	No. 29
IC	12 ×12	225	120 "	" 29
IC	14 ×20	112	120 "	" 29
IC	10 ×20	225	170 "	" 29
IC	14 ×22	112	130 "	" 29
IC	11 ×11	225	100 "	" 29
IX	10 ×14	225	150 "	" 27
IX	12 ×12	225	150 "	" 27
IX	14 ×20	112	150 "	" 27

CHARCOAL TERNE PLATES.

IC	14 ×20	112	120 lbs.	No. 29
IX	14 ×20	112	150 "	" 27
IC	20 ×28	112	240 "	" 29
IX	20 ×28	112	300 "	" 27

COKE TERNE PLATES.

IC	14 ×20	112	120 lbs.	No. 29

Sheet Iron.

Widths, 24 to 30 Inches. Lengths, 72 to 96 Inches.

American Common, Nos. 12 to 20, - - - - - - - - per pound,
" " Nos. 20 to 28, - - - - - - - - - - "
Charcoal, Harvey's Patent Cleaned Nos. 21 to 24, - - - "
" " " " Nos. 25 and 26, - - - "

GALVANIZED SHEET IRON.

	First Quality.	Second Quality.
Nos. 21 to 24, - - - - - - - - - -	per pound,	
Nos. 25 and 26, - - - - - - - - - -	"	
Nos. 27, - - - - - - - - - - - -	"	
Nos. 28, - - - - - - - - - - - -	"	

RUSSIA SHEET IRON.

Average Weight, per Bundle, 240 Pounds. Size, 28 × 56 Inches.

No. 1. Perfect, per pound, - - No. 1. Stained, per pound, - -

Nos. - - - - - - - - - -	7	8	9	10	11	12	13	14	15	16
Wire Gauge, - - - - - - -	29	28	27	26	25	24½	24	23¼	22⅝	21½
Weight of Sheet, - - - - - -	6¼	7¼	8	9	10	10¾	11¾	12½	13½	14½

TABLE OF WEIGHT, MEASUREMENT AND GAUGE OF SHEET IRON.

Gauge, - - - - - - - -	29	28	27	26	25	24	23	22
Weight of square foot, ounces,	12	13	14	15	16	17	19	21
Square feet in Ton, - - - -	2987	2757	2560	2389	2240	2108	1886	1706
Gauge, - - - - - - - - - -	21	20	19	18	17	16	14	
Weight of square foot, ounces, - -	24	28	33	38	43	48	60	
Square feet in Ton, - - - - - -	1493	1280	1086	943	833	746	597	

Sheet Copper.

Tinned Copper, 14×48 Inches. 12 ounces and over per square foot, per pound,
Extra, for Tinning, - - - - - - - - - - - - - - - per sheet,

PLANISHED COPPER—14 OUNCE AND HEAVIER.

Sheets, 14×48 Inches, - - - - - - - - - - - - - - - per pound,
" 14×56 " - - - - - - - - - - - - - - - "
" 14×60 " - - - - - - - - - - - - - - - "

Tinning, Extra, 48 Inch,	56 Inch,	60 Inch,
Antimony, per pound, - - - - -	Bismuth, per pound, - - -	
Bar Lead, - - - - - - - -	Spelter, " - - -	
Pig Lead, - - - - - - - -	Copper Pits, " - - -	
Pig Tin, - - - - - - - -	Bolt Copper, " - - -	

Sheet Zinc.

By the Cask, per pound, - - - Less than Cask, per pound, - -

Sheets, 84 Inches long by 24, 26, 28, 30, 32, 34, 36 and 40 Inches wide.

WIRE GAUGE FOR SHEET ZINC (STUBS' ENGLISH).

Zinc Numbers, - - - - - - - - - - - -	8	9	10	11	12
Wire Gauge, - - - - - - - - - - - -	28	27	26	25	24½

Full Casks weigh about 1,100 pounds, adding 75 pounds for Casing. Half Casks weigh about 550 pounds, adding 50 pounds for Casing.

A LARGE STOCK

OF

American, English, Norway and Swedes

Bar and Bundle Iron,

SPRING STEEL, CAST STEEL,

SPRINGS AND AXLES.

A Separate List of above, issued at every important change of the market, will be sent to customers.

WEIGHT OF ROUND IRON PER FOOT.

¼ in. .163	⅜ in. .368	½ in. .654	⅝ in. 1.02	¾ in. 1.47	⅞ in. 2.	1 in. 2.61	1⅛ in. 3.31
1¼ in. 4.00	1⅜ in. 4.94	1½ in. 5.89	1⅝ in. 6.91	1¾ in. 8.01	1⅞ in. 9.2	2 in. 10.47	2⅛ in. 11.82
2¼ in. 13.25	2⅜ in. 14.76	2½ in. 16.36	2⅝ in. 18.03	2¾ in. 19.79	2⅞ in. 21.63	3 in. 24.56	3⅛ in. 25.56
3¼ in. 27.65	3⅜ in. 29.82	3½ in. 32.07	3⅝ in. 34.4	3¾ in. 36.81	3⅞ in. 39.31	4 in. 41.88	4¼ in. 47.28
4½ in. 53.01	4⅝ in. 56.	4¾ in. 59.06	4⅞ in. 62.21	5 in. 65.45	5¼ in. 73.2	5½ in. 80.3	6 in. 95.

WEIGHT OF SQUARE IRON PER FOOT.

¼ in. .208	⅜ in. .468	½ in. .833	⅝ in. 1.3	¾ in. 1.87	⅞ in. 2.55	1 in. 3.33	1⅛ in. 4.21
1¼ in. 5.2	1⅜ in. 6.3	1½ in. 7.5	1⅝ in. 8.8	1¾ in. 10.02	1⅞ in. 11.71	2 in. 13.33	2⅛ in. 15.05
2¼ in. 16.87	2⅜ in. 18.08	2½ in. 20.8	2⅝ in. 22.96	2¾ in. 25.2	2⅞ in. 27.55	3 in. 30.	3⅛ in. 32.55
3¼ in. 35.2	3⅜ in. 37.96	3½ in. 40.08	3⅝ in. 43.08	3¾ in. 46.87	3⅞ in. 50.05	4 in. 53.33	4⅛ in. 56.71
4¼ in. 60.02	4⅜ in. 63.08	4½ in. 67.05	4⅝ in. 71.3	4¾ in. 75.2	4⅞. in 79.21	5 in. 83.33	5¼ in. 93.2

WEIGHT OF FLAT IRON PER FOOT.

Wth.	Thickness.												
	⅛	3-16	¼	⅜	½	⅝	¾	⅞	1	1¼	1½	2	2½
⅜	0.21	0.31	0.42	0 63	- -	- -	- -	- -	- -	- -	- -	- -	- -
¾	0.31	0.47	0.63	0.94	1.26	1.57	- -	- -	- -	- -	- -	- -	- -
1	0.42	0.63	0.84	1.26	1.68	2.10	2.52	2.94	- -	- -	- -	- -	- -
1¼	0.52	0.78	1.05	1.57	2.10	2.62	3.15	3.67	4.20	- -	- -	- -	- -
1⅜	0.57	0.86	1.18	1.73	2.31	2.88	3.46	4.04	4.62	5.77	- -	- -	- -
1½	0.63	0.94	1.26	1.89	2.52	3.15	3.78	4.41	5.04	6.30	- -	- -	- -
1¾	0.73	1.10	1.47	2.20	2.94	3.67	4.41	5.14	5.87	7.35	8.80	- -	- -
2	0.84	1.26	1.68	2.52	3.36	4.20	5.06	5.88	6.72	8.40	10.08	- -	- -
2¼	0.96	1.41	1.89	2.83	3.78	4.72	5.66	6.61	7.56	9.45	11.34	15.12	- -
2½	1.05	1.57	2.10	3.15	4.20	5.25	6.30	7.35	8.40	10.50	12.60	16.80	- -
2¾	1.15	1.73	2.31	3.46	4.62	5.77	6.93	8.08	9.24	11.55	13.86	18.48	23.10
3	1.26	1.89	2.52	3.78	5.04	6.30	7.56	8.82	10.08	12.60	15.12	20.16	25.20
3¼	1.36	2.04	2.73	4.09	5.46	6.82	8.19	9.55	10.92	13.65	16.38	21.84	27.39
3½	1.47	2 20	2.94	4.41	5.88	7.35	8.82	10.29	11.76	14.70	17.64	23.52	29.40
3¾	1.57	2.36	3.15	4.72	6.30	7.87	9.45	11.02	12.60	15.75	18.90	25.20	31 50
4	1.68	2.52	3.36	5.04	6.72	8.40	10.08	11.76	13.44	16.80	20.18	26.88	33.65
4½	1.89	2.83	3.78	5.67	7.56	9.45	10.34	13.23	15.12	18.90	22.68	30.24	34.22
5	2.10	3.15	4.12	6.30	8.40	10.50	12.60	16.70	17.80	21.00	25.30	35.61	42.00
6	2.52	3.78	5.04	7.56	10.08	12.60	15.12	17.64	20.16	25.20	30.24	40.32	50.40

VALUE OF IRON PER TON OF 2,240 POUNDS,

At from 1-10 of a Cent to 10 Cents per Pound, increasing at the Rate of 1-10 of a Cent per Pound.

Per lb.	Per ton.	Per lb.	Per ton.	Per lb.	Per ton.	Per lb.	Per ton.
1–10	2·24	2 6–10	58.24	5 1–10	114.24	7 6–10	170.24
2–	4.48	7–	60.48	2–	116.48	7–	172.48
3–	6.72	8–	62.72	3–	118.62	8–	174.72
4–	8.96	9–	64.96	4–	120.96	9–	176.96
5–	11.20	3	67.20	5–	123.20	8	179.20
6–	13.44	1–10	69.44	6–	125.44	1–10	181.44
7–	15.68	2–	71.68	7–	127.68	2–	183.68
8–	17.92	3–	73.92	8–	129.92	3–	185.92
9–	20.16	4–	76.16	9–	132.16	4–	188 16
1	22.40	5–	78.40	6	134.40	5–	190.40
1–10	24 64	6–	80.64	1–10	136.64	6–	192.64
2–	26.88	7–	82.88	2–	138.88	7–	194.88
3–	29.12	8–	85.12	3–	141.12	8–	197.12
4–	31.36	9–	87.36	4–	143.36	9–	199 36
5–	33.60	4	89 60	5–	145.60	9	201.60
6–	35.84	1–10	91.84	6–	147.84	1–10	203.84
7–	38.08	2–	94.08	7–	150.08	2–	206.08
8–	40.32	3–	96.32	8–	152.32	3–	208.32
9–	42.56	4–	98.56	9–	154.56	4–	210.56
2	44.80	5–	100.80	7	156.80	5–	212.80
1–10	47.04	6–	103.04	1–10	159.04	6–	215.04
2–	49 28	7–	105.28	2–	161.28	7–	217.28
3–	51.52	8–	107.52	3–	163.52	8–	219.52
4–	53.76	9–	109.76	4–	165.76	9–	221.76
5–	56.00	5	112.00	5–	168.00	10	224.00

VALUE OF IRON PER TON OF 2,240 POUNDS,

At from 2 Cents to 13 Cents per Pound, increasing at the Rate of 1-8 of a cent per Pound.

Per lb.	Per ton.	Per lb.	Per ton.	Per lb.	Per ton.	Per lb.	Per ton.
2	44.80	4⅜	106.40	7½	168.00	10¼	229.60
2⅛	47.60	4½	109.20	7⅝	170.80	10⅜	232.40
2¼	50.40	5	112.00	7¾	173.60	10½	235.20
2⅜	53.20	5⅛	114 80	7⅞	176.40	10⅝	238.00
2½	56.00	5¼	117.60	8	179.20	10¾	240.80
2⅝	58.80	5⅜	120.40	8⅛	182.00	10⅞	243.60
2¾	61.60	5½	123.20	8¼	184.80	11	246.40
2⅞	64.40	5⅝	126.00	8⅜	187.60	11⅛	249.20
3	67 20	5¾	128.80	8½	190.40	11¼	252.00
3⅛	70.00	5⅞	131.60	8⅝	193.20	11⅜	254.80
3¼	72.80	6	134.40	8¾	196.00	11½	257.60
3⅜	75.60	6⅛	137.20	8⅞	198.80	11⅝	260.40
3½	78.40	6¼	140.00	9	201.60	11¾	263.20
3⅝	81.20	6⅜	142.80	9⅛	204.40	11⅞	266.00
3¾	84.00	6½	145.60	9¼	207.20	12	268.80
3⅞	86.80	6⅝	148 40	9⅜	210.00	12⅛	271.60
4	89.60	6¾	151.20	9½	212.80	12¼	274.40
4⅛	92.40	6⅞	154 00	9⅝	215.60	12⅜	277.20
4¼	95.20	7	156.80	9¾	218.40	12½	280.00
4⅜	98.00	7⅛	159.60	9⅞	221.20	12⅝	282.80
4½	100.80	7¼	162.40	10	224.00	12¾	285.60
4⅝	103.60	7⅜	165.20	10⅛	226.80	13	291.20

WEIGHT OF IRON TIRE PER SET OF 54 FEET.

1x3-16 34	1x¼ 45	1x5-16 56	1x⅜ 68	1⅛x¼ 50	1⅛x5-16 63	1⅛x⅜ 75	1⅛x7-16 88
1⅛x½ 101	1¼x¼ 56	1¼x5-16 70	1¼x⅜ 85	1¼x7-16 99	1¼x½ 113	1⅜x⅜ 93	1⅜x½ 124
1½x⅜ 101	1½x1½ 135	1½x⅝ 169	1⅝x½ 148	1⅝x⅝ 183	1⅞x½ 158	1⅞x⅜ 197	1⅞x¾ 236
2x½ 180	2x⅝ 225	2x¾ 270	- - - - - -	- - - - - -	- - - - - -	- - - - - -	- - - - - -

WEIGHT OF STEEL TIRE PER SET OF 54 FEET.

⅝x1-16 9	⅝x3-32 11½	⅞x3-32 15	1x⅛ 23	1⅛x5-32 32	1¼x¼ 57¼	1½x5-16 85¾
⅝x⅛ 15	¾x3-32 14	⅞x⅛ 22	1x5-32 28¾	1⅛x3-16 38	1¼x5-16 71½	1½x⅜ 105
⅞x7-32 35½	¾x⅛ 18	⅞x5-32 26	1x3-16 35	1⅛x¼ 51½	1⅜x¼ 63	1⅜x⅜ 121¾
1x7-32 38½	¾x5-32 21	⅞x3-16 30	1x¼ 47	1⅛x5-16 65	1⅜x5-16 77	1⅜x7-16 141½
1⅛x7-32 41½	¾x3-16 27	⅞x¼ 40½	1x5-16 57	1⅛x⅓ 103	1⅜x⅝ 94	2x½ 187

WEIGHT OF COMMON AXLES.

LONG ARM, PER SET.

1⅛	Inch, - - - -	about	54	pounds,	1⅜ Inch, - - -	about	137	pounds.
1¼	" - - - - -	"	64	"	1⅞ " - - -	"	161	"
1⅜	" - - - - -	"	83	"	2 " - - -	"	188	"
1½	" - - - - -	"	100	"	2⅛ " - - -	"	210	"
1⅝	" - - - - -	"	118	"	2¼ " - - -	"	245	"

WEIGHT OF ELLIPTIC SPRINGS.

TEMPERED, PER PAIR.

1¼×3,	34 inches long, - -	26	pounds,	1½×5,	36 inches long, - -	50	pounds.
1¼×3,	36 " - -	28	"	1½×6,	36 " - -	60	"
1¼×4,	34 " - -	34	"	1¾×4,	36 " - -	51	"
1¼×4,	36 " - -	36	"	1¾×5,	36 " - -	58	"
1½×3,	34 " - -	32	"	1¾×6,	26 " - -	69	"
1½×3,	36 " - -	34	"	2 ×4,	36 " - -	64	"
1½×4,	34 " - -	41	"	2 ×5,	36 " - -	68	"
1½×4,	36 " - -	44	"	2 ×6,	36 " - -	83	"
1½×5,	34 " - -	47	"	2 ×7,	36 " - -	92	"

Cut Nails.

DEPOT FOR OXFORD NAILS.

10d to 60d, Common Nails and Fence,	
8d and 9d, " " " extra,	.25
6d and 7d, " " " "	.50
4d and 5d, " " " "	.75
3d " " "	1.50
2d and 3d Fine, "	2.25
2d Fine, "	3.00
Cut Spikes,	.25

COOPERS', SLATING, TOBACCO AND BARREL.

3d.	4d and 5d.	6d.	8d.	10d and larger.
2.00	1.25	1.00	.75	.50 extra per keg.

CASING, FLOORING, BOX AND TRUNK.

4d and 5d.	6d.	8d.	10d and larger.
1.50	1.25	1.00	.75 extra per keg.

FINISHING.

4d and 5d.	6d.	8d.	10d and larger.
1.75	1.50	1.25	1.00 per keg.

Fine Finishing, $1.25 above same size Common.

CLINCH NAILS.

2 and 2¼.	2½ and 2¾	3 inches and larger.
2.00	1.75	1.50 extra per keg.

In 50 pound Kegs, half cent per pound extra.

STANDARD LENGTHS AND WEIGHTS OF CUT NAILS.

Size.	Length.	No. per lb.	Size.	Length.	No. per lb.
3d fine,	1¼ Inch,	760	16d nails,	3½ Inch,	32
3d nails,	1¼ "	480	20d "	4 "	24
4d "	1½ "	300	30d "	4½ "	18
5d "	1¾ "	200	40d "	5 "	14
6d "	2 "	160	50d "	5½ "	12
7d "	2¼ "	128	60d "	6 "	10
8d "	2½ "	92	6d fence,	2 "	80
9d "	2¾ "	72	8d "	2½ "	50
10d "	3 "	60	10d "	3 "	34
12d "	3¼ "	44	12d "	3¼ "	29